	ľ		UTAH (	OIL AND GAS CONSER	VATION COMM	ISSION		***
REMARKS:	WELL LOG_	ELI	ECTRIC LOGSFII X	WATER SANDS	LOCATION IN:	SPECTED	SUB. REPORT/abd.	
DATE FILED	<b></b>	CEMPE	2 01 100					
LAND: FEE &		CEMBE	R 21, 1995 LEASE NO.	PUBLIC	C LEASE NO.	-67170	INDIAN	**************************************
DRILLING AP		BRUAR			0	-0/1/0	TOO IT	
SPUDDED IN	<b>h</b> 0 0	11 10	3010					
COMPLETED:	111 175	anth	PUT TO PRODUCING:	18-016				
INITIAL PRO	DUCTION:	"OF)	80PD: 33 m	1961 (V	)		***	
GRAVITY A.P	J.		00110	/	,			
GOR.	L'MC.							
PRODUCING	ZONES: W	dd 9 - 1	2300' (GRRV	)				
TOTAL DEPT	н: [С]	$CC_{\ell}$						
WELL ELEVA	TION: 5	527 (·	N.					
DATE ABAND	OONED:							
FIELD:	MO	NUMEN.	T BUTTE					
UNIT:								
COUNTY:		CHESNI						
WELL NO.		·	F BUTTE FEDERA		API NO.			
LOCATION	1913 F	SL F	T. FROM (N) (S) LINE, 624	FEL FT. F	ROM (E) (W) LINE.	NE SE	1/4 - 1/4 SEC.	25
		<u>,                                    </u>						
TWP.	RGE.	SEC.	OPERATOR		TWP. R	GE. SEC.	OPERATOR	
85	16E	25	JNLAND PRODU	CTION CO				

#### GEOLOGIC TOPS:

QUATERNARY	Star Point	Chinle	Molas
Alluvium	Wahweap	Shinarump	Manning Canyon
Lake beds	Masuk	Moenkopi -	Mississippian
Pleistocene	Colorado	Sinbad	Humbug
Lake beds	Sego	PERMIAN	Brazer
TERTIARY	Buck Tongue	Kaibab	Pilot Shale
Pilocene	Castlegate	Coconino	Madison
Salt Lake	Mancos	Cutler	Leadville
Oligocene	Upper	Hoskinnini	Redwall
Norwood	Middle	DeChelly	DEVONIAN
Eocane	Lower	White Rim	Upper
Duchesne River	Emery	Organ Rock	Middle
Uinta	Blue Gate	Cedar Mesa	Lower
Bridger	Ferron	Halgaite Tongue	Ouray
Green River	Frontier	Phosphoria	Elbert
Silver Silver Mar 4325	Dakota	Park City	McCracken
FORK SMUL 45164	Burro Canyon	Rico (Goodridge)	Aneth
$ x \times y \times $	Cedar Mountain	Supai	Simonson Dolomite
	Buckhorn	Wolfcamp	Sevy Dolomite
Shogson (PMC) Shogson WK 2	JURASSIC	CARBON I FEROUS	North Point
Moral SIC SIDERSKE M MKK SI	Morrison	Pennsylvanian	SILURIAN
STORY STREET THE STORY	Salt Wash	Oquirrh	Laketown Dolomite
Colton	San Rafeal Gr.	Weber	ORDOVICIAN
Flagstaff	Summerville	Morgan	Eureka Quartzite
North Horn	Bluff Sandstone	Hermosa	Pogonip Limestone
Almy	Curtis		CAMBRIAN
Paleocene	Entrada	Pardox	Lynch
Current Creek	Moab Tongue	Ismay	Bowman
North Horn	Carmel	Desert Creek	Tapeats
CRETACEOUS	Glen Canyon Gr.	Akah	Ophir
Montana	Navajo	Barker Creek	Tintic
Mesaverde	Kayenta	_	PRE - CAMBRIAN
Price River	Wingate	Cane Creek	
Blackhawk	TRIASSIC		
•	ACME VISIBLE CROZ	ET VIRGINIA 100730	

Form,3160-3 (November 1983) (formerly 9-331C)

## DEPARTMENT OF THE INTERIOR

SUBMIT IN TOTALCATE\*

(Other instruments on reverse side)

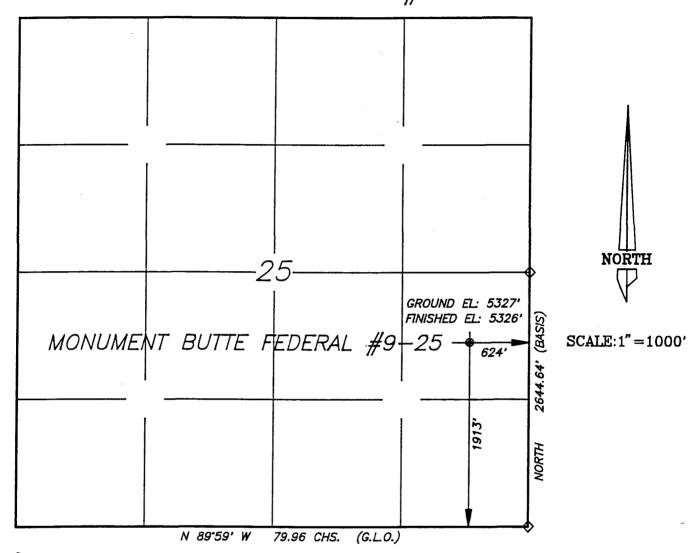
Form approved. Budget Bureau No. 1004--0136 Expires August 31, 1985

*		ENI OF THE		<del>-</del> -		5. LEASE DESIGNATION AND	SERIAL NO.
		OF LAND MANA				U-67170	
APPLICATIO	N FOR PERM	IT TO DRILL,	DEEF	PEN, OR PLUG	BACK	6. IF INDIAN, ALLOTTEE OR T	BIBE NAME
	ILL X	DEEPEN		PLUG BA	ACK 🗆	7. UNIT AGREEMENT NAME	
	VELL OTHER	ì		SINGLE MULT	IPLE _	8. FARM OR LEASE NAME	
NAME OF OPERATOR						Monument Butte	Federa
Inland Produc	ction Company	N 516	0			9. WELL NO. #9-25	
P.O. Box 1440	6 Roosevelt,	UT 84066				10. FIELD AND POOL, OR WIL	LDCAT
LOCATION OF WELL (RAt surface			ith any	State requirements.*)		Monument Butte	105
NE/SE At proposed prod. zon	ne 624' FEI.	& 1913' FSL				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
	170	_583				Sec. 25, T8S, I	R16E
DISTANCE IN MILES	AND DIRECTION FROM	NEAREST TOWN OR PO	ST OFFI	CE*		12. COUNTY OR PARISH 13.	STATE
13.5 miles so	outh of Myton	<u>ut</u>	<del></del>			Duchesne	UT
LOCATION TO NEAREST	r		16. N	O. OF ACRES IN LEASE		OF ACRES ASSIGNED HIS WELL	
PROPERTY OR LEASE L (Also to nearest drig	g. unit line, if any)	624'		960 -	_	40	
DISTANCE FROM PROP TO NEAREST WELL, D	RILLING, COMPLETED,	1318'	19. Р	ROPOSED DEPTH		BY OR CABLE TOOLS	
OR APPLIED FOR, ON TH			<u> </u>	6500'	Rot	22. APPROX. DATE WORK WI	
5327 GR	ether Dr. R1, GR. etc.			····		2nd Quarter 19	_
		PROPOSED CAS	ING AN	D CEMENTING PROGRA	AM .		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER	FOOT	SETTING DEPTH		QUANTITY OF CEMENT	
12 1/4	8 5/8	24#		300'	120 s	x Class G + 2% CaC	:1 & 2 <b>%</b>
7 7/8	5 1/2	<u>15.5#</u>		TD	400 s	x Hilift followed	by
-						16 16 16 1 W	
e. If proposal is to denter program, if any  SIGNED Brad Mec  (This space for Federal W. 3.	irill or deepen directi	Meclus Tr	t data o	olug back, give data on pon subsurface locations a	nd measured	nctive zone and proposed new land true vertical depths. Gi	productive ve blowout
PERMIT NO.	000		-/	APPROVAL DETE		1-1	
	XX 1L		SIL.	Mohumma		-7/5/4	·

## LOMAX EXPEORATION CO. WELL LOCATION PLAT

LOCATED IN THE NE1/4 OF THE SE1/4 SECTION 25, TBS, R16E, S.L.B.&M.

MONUMENT BUTTE FEDERAL #9-25



#### LEGEND AND NOTES

♦ ORIGINAL CORNER MONUMENTS FOUND AND USED BY THIS SURVEY.

THE GENERAL LAND OFFICE (G.L.O.) PLAT WAS USED FOR REFERENCE AND CALCULATIONS, AS WAS THE U.S.G.S. QUARTER OF THE U.S.G.S.

#### SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY PERFORMED BY ME, DURING WHICH THE SHOWN MONUMENTS WERE FOUND OR ESTABLISHED.

JERRY D. ALLRED, REGISTERED LAND SURVEYOR, CERTIFICATE NO. 148951 (UTAH)

JERRY D. ALLRED & ASSOCIATES

SURVEYING CONSULTANTS

121 NORTH CENTER STREET P.O. BOX 975 DUCHESNE, UTAH 84021 (801)-738-5352

2 DECEMBER 1995

84-121-041

No. 148951 JERRY D. ALLRED

# MONUMENT BUTTE FEDERAL #9-25 NE/SE SEC. 25, T8S, R16E DUCHESNE COUNTY, UTAH U-67170

#### **HAZARDOUS MATERIAL DECLARATION**

INLAND PRODUCTION COMPANY guarantees that during the drilling & completion of the above referenced well, we will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986.

INLAND PRODUCTION COMPANY guarantees that during the drilling and completion of the above referenced well, we will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

JOHNSON WATER DISTRICT R.R. 3 BOX 3188 ROOSEVELT, UT 84066 TELEPHONE (801) 722-2620

October 17, 1995

TO WHOM IT MAY CONCERN:

Inland Production Company has purchased a 3 inch water connection with Johnson Water District to supply Monument Butte oilfield.

Johnson Water District has given permission to Lomax Exploration Company to use water from our system for the purpose of drilling and completing the Monument Butte Federal 9-25, 6-25, 16-25, 8-25.

Sincerely.

Karen Ashby,

Secretary

#### INLAND PRODUCTION COMPANY MONUMENT BUTTE FEDERAL #9-25 NE/SE SECTION 25, T8S, R16E DUCHESNE COUNTY, UTAH

#### TEN POINT WELL PROGRAM

#### 1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

#### 2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

 Uinta
 0' - 3030'

 Green River
 3030'

 Wasatch
 6500'

#### 3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 3030' - 6400' - Oil

#### 4. PROPOSED CASING PROGRAM

8 5/8", J-55, 24# w/ ST&C collars; set at 300' (New) 5 1/2", J-55, 15.5# w/ LT&C collars; set at TD (New)

#### 5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

The operators minimum specifications for pressure control equipment are as follows:

A 8" Series 900 Hydril Bag type BOP and a 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOPS's will be checked daily.

(See Exhibit F)

#### 6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

It is proposed that the hole be drilled with fresh water to the Green River Formation @ approximately 3030', and with mud thereafter. The mud system will be a water based gelchemical, weighted to 10.0 ppg as necessary for gas control.

#### 7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

#### 8. TESTING, LOGGING AND CORING PROGRAMS:

No drill stem testing has been scheduled for this well. It is anticipated at this time that the logging will consist of a Dual Induction Laterolog, Compensated Neutron-Formation Density Log. Logs will run from TD to 3500'. The cement bond log will be run from PBTD to cement top. The use of mud loggers to be determined at a later date.

#### 9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered; nor that any other abnormal hazards such as H2S will be encountered in this area.

#### 10. ANTICIPATED STARTING DATE AN D DURATION OF THE OPERATIONS:

It is anticipated that the drilling operations will commence in the 2nd Quarter, 1996 and take approximately eight days to drill.

#### INLAND PRODUCTION COMPANY MONUMENT BUTTE FEDERAL #9-25 NE/SE SECTION 25, T8S, R16E DUCHESNE COUNTY, UTAH

#### <u>THIRTEEN POINT WELL PROGRAM</u>

#### 1. EXISTING ROADS

See attached Topographic Map "A"

To reach Inland Production Company well location site Monument Butte Federal #9-25 located in the NE 1/4 SE 1/4 Section 25, T8S, R16E, S.L.B. & M. Duchesne County, Utah:

Proceed westerly out of Myton, Utah along Highway 40 - 1.5 miles ± to the junction of this highway and Utah State Highway 53; proceed southerly along Utah State Highway 53 - 1.9 miles to its junction with Utah State Highway 216; proceed southerly along State Highway 216 - 4.4 miles to its junction with an existing dirt road to the southwest; proceed southwesterly along this road 2.8 miles to its junction with an existing dirt road to the south; proceed southeasterly along this road .8 miles to its junction with an existing dirt road to the east; proceed easterly 2.4 miles to its intersection with the beginning of the proposed access road to be discussed in item #2.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County Crews.

The aforementioned dirt oilfield service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads required for access during the drilling, completion and production phase will be maintained at the standards required by the BLM or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

#### 2. PLANNED ACCESS ROAD

See Topographic Map "B".

The planned access road leaves the existing location described in Item #1 in the NW 1/4 SE 1/4 Section 25, T8S, R16E, S.L.B. & M., and proceeds in a north/easterly direction approximately 1200' + to the proposed location site.

The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%.

There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

#### 3. LOCATION OF EXISTING WELLS

There are three (3) producing, Inland Production wells, within a one (1) mile radius. See Exhibit "D".

#### 4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery the well pad will be surrounded by a dike of sufficient capacity to contain at minimum the entire contests of the largest tank within the facility battery.

Tank batteries will be built to BLM specification.

All permanent (on site for six (6) months or longer) structures constructed or installed (including pumping units) will be painted Desert Tan. All facilities will be painted within six months of installation.

#### 5. LOCATION AND TYPE OF WATER SUPPLY

At the present time, it is anticipated that the water for this well will be transported through a temporary surface pipeline from our pre-approved Inland Production Company fresh water supply line located at the Monument Butte Federal #5-35 (SW/NW Sec. 35, T8S, R16E) location as indicated on Topographic Map - Exhibit "C".

In the event this water source is not used an alternate source will be used and all the necessary arrangements will be made with the proper authorities.

There will be no water well drilled at this site.

#### 6. SOURCE OF CONSTRUCTION MATERIALS

See Location Layout Sheet - Exhibit "E".

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road. (Pit lining material is referred to in Item #7.)

A mineral material application is not required for this location.

#### 7. METHODS FOR HANDLING WASTE DISPOSAL

See Location Layout Sheet - Exhibit "E".

If the reserve pit is lined, it will be constructed and lined with a plastic nylon reinforced line so as not to leak, break, or allow discharge. It will be a minimum of 12 mil thickness with sufficient bedding (either straw or dirt) to cover any rocks. The line will overlap the pit wall and be covered with dirt and/or rocks to hold it in place. No trash, scrap pipe, etc., that could puncture the liner will be disposed on in the pit.

After first production, produced water will be confined to a pit or storage tank for a period not to exceed one hundred twenty (120) days. During the one hundred twenty (120) day period, in accordance with the onshore order #7, an application for approval of permanent disposal method and location, along with required water analysis, shall be submitted for the Authorized Officers approval.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

#### 8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

#### 9. WELL SITE LAYOUT

See attached Location Layout Sheet - Exhibit "E".

The reserve pit will be located on the southeast side between stakes 4 & 5.

There will be no flare pit on this location.

The stockpiled topsoil (first six (6) inches) will be stored on the west, between stakes 1 & 8.

Access to the well pad will be from the north, near stake #2.

#### Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) 39 inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be nor more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.



- c) Corner posts shall be cemented and/or braced in such a manner to keep tight at all times.
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

#### 10. PLANS FOR RESTORATION OF SURFACE

#### a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before back filling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be re contoured to the approximated natural contours. The reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons, all cans, barrels, pipe, etc., removed.

When the drilling and completion phase ends, reclamation of unused disturbed areas on the well pad/access road no longer needed for operations, such as cut slopes, and fill areas will be accomplished by grading, leveling and seeding as recommended by the Authorized Officer. The seed mixture will be per B.L.M. and stated in the conditions of approval.

#### b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the B.L.M. will attach the appropriate surface rehabilitation conditions of approval.

#### 11. SURFACE OWNERSHIP - Bureau Of Land Management

#### 12. OTHER ADDITIONAL INFORMATION

- a) Inland Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Inland is to immediately stop work that might further disturb such materials, and contact the Authorized Officer.
- b) Inland Production will control noxious weeds along rights-of-way for roads, pipelines, well sites, or other applicable facilities. On B.L.M. administered land it is required that a Pesticide Use Proposal shall be submitted, and given approval, prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Federal Lands after the conclusion of drilling operations or at any other time without B.L.M. authorization. However, if B.L.M. authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

The Cultural Resource Survey will be sent in, as soon as it becomes available.

#### Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations. Onshore Oil and Gas Orders, the approved plan of operations, and any applicable Notice to Lessees. Inland Production is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Inland Production Company or a contractor employed by Inland Production shall contact the B.L.M. office at (801) 789-1362, 48 hours prior to construction activities.

The B.L.M. office shall be notified upon site completion prior to moving on the drilling rig.

#### *13*. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

#### Representative

Name:

**Brad Mecham** 

Address:

P.O. Box 1446 Roosevelt, Utah 84066

Telephone:

(801) 722-5103

#### Certification

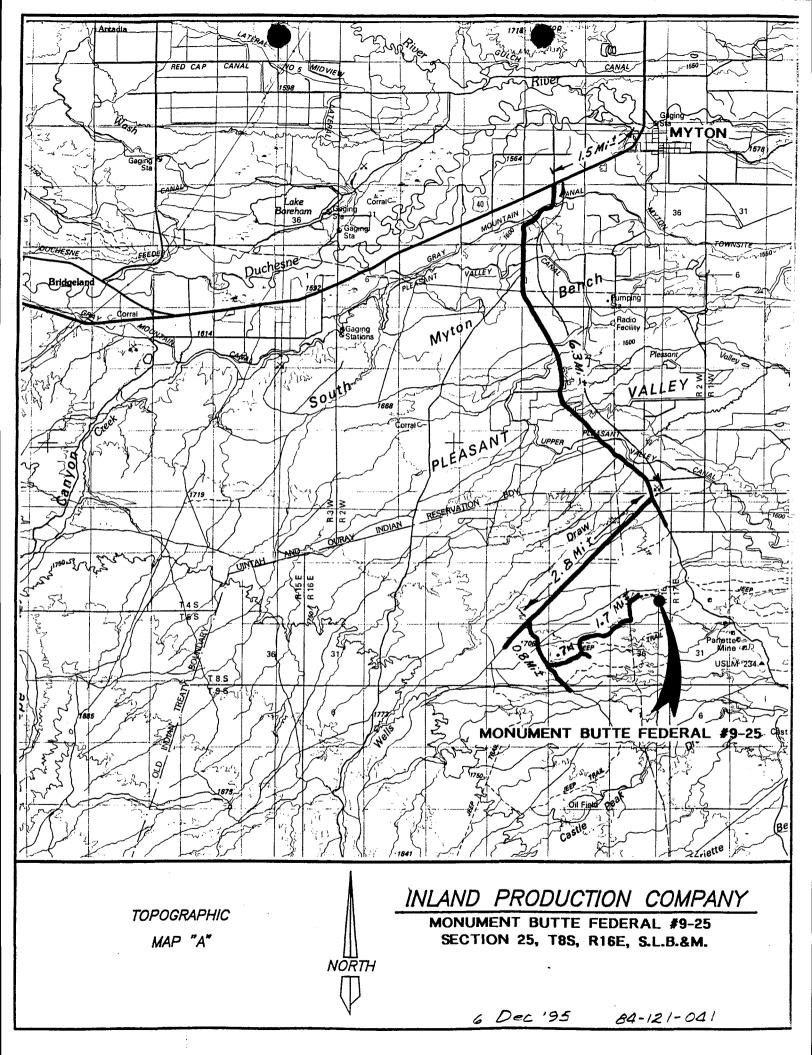
Please be advised that INLAND PRODUCTION COMPANY is considered to be the operator of Well #9-25 NE/SE Section 25, Township 8S, Range 16E: Lease #U-67170; Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

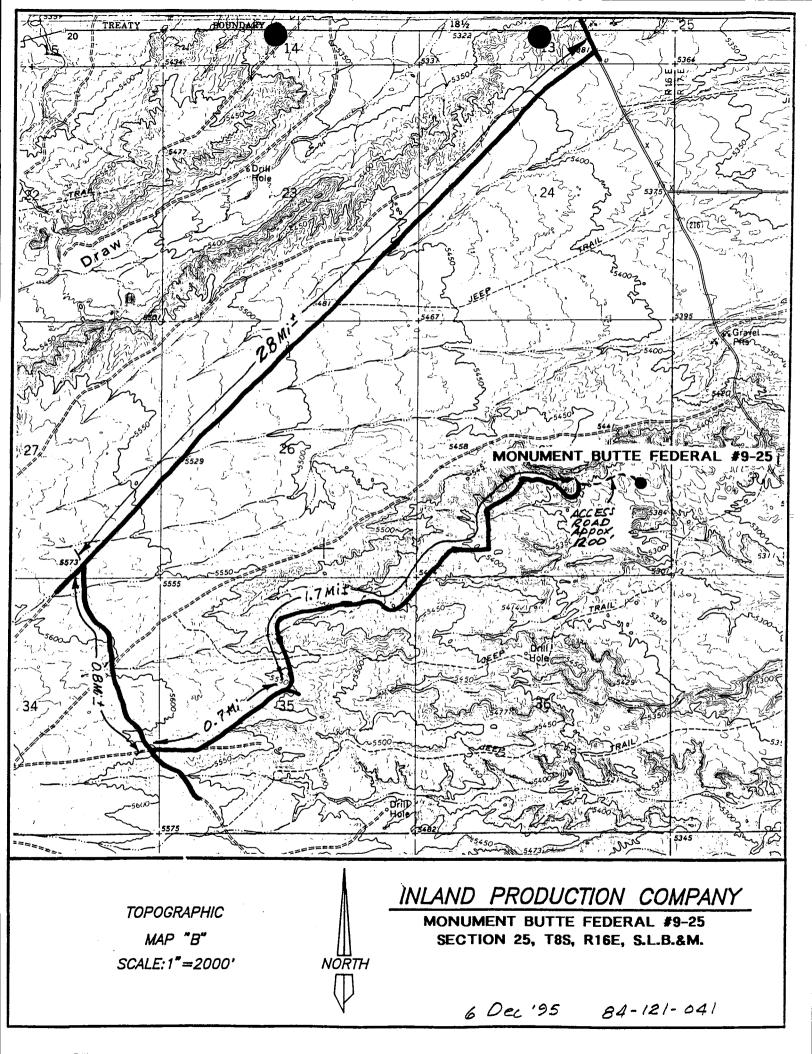
I hereby certify that I, or persons under my direct supervision have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Inland Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

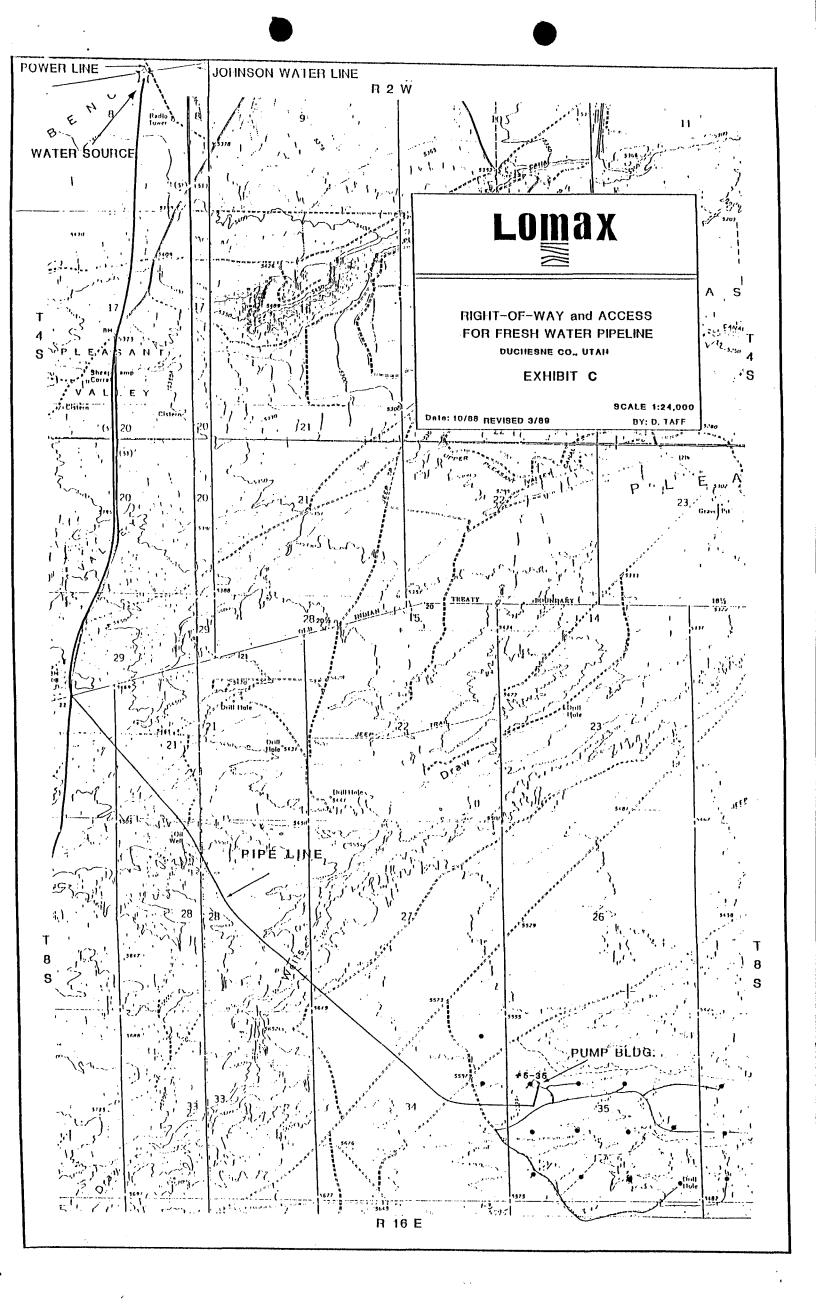
12-18-95

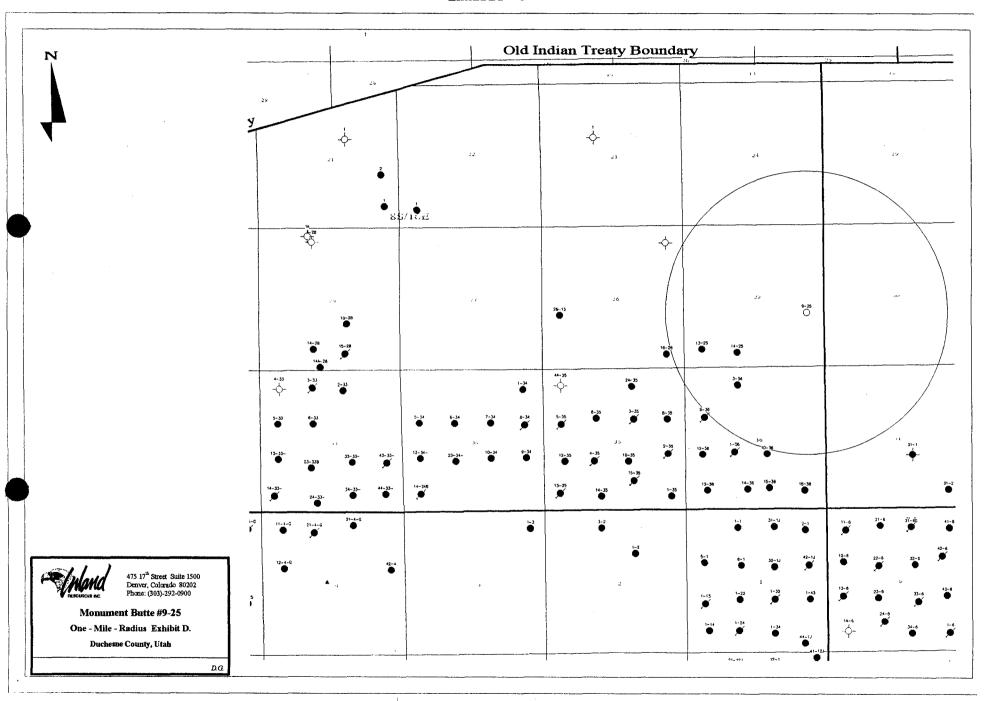
**Brad Mecham** 

**Operations Manager** 

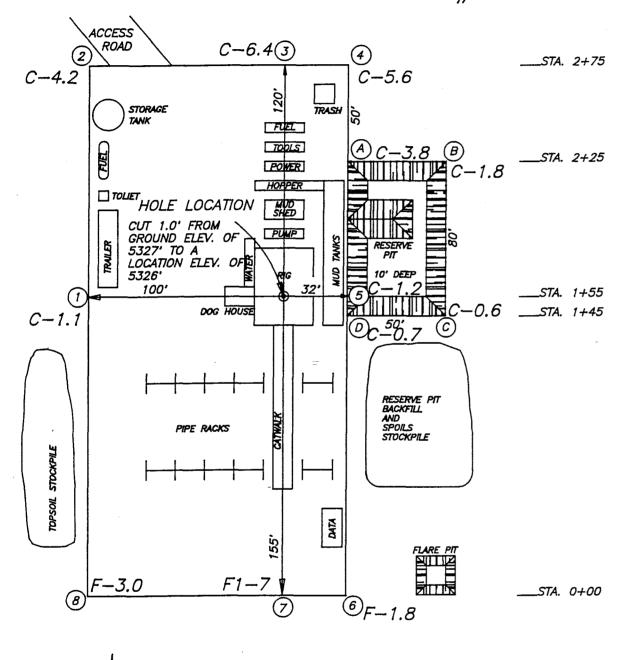


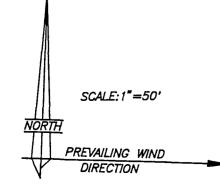






# INLAND PRODUCTION CO. WELL LAYOUT PLAT MONUMENT BUTTE FEDERAL #9-25



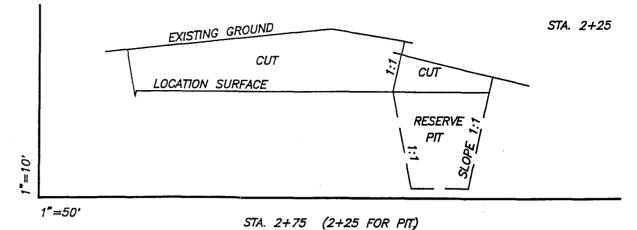


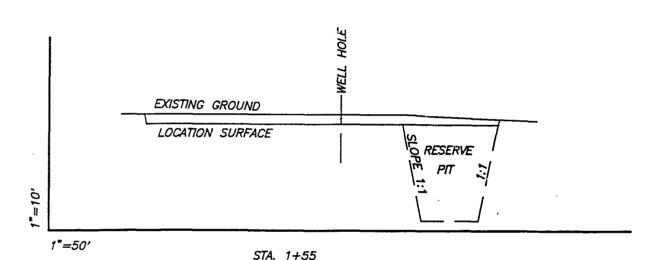
#### APPROXIMATE QUANTITIES

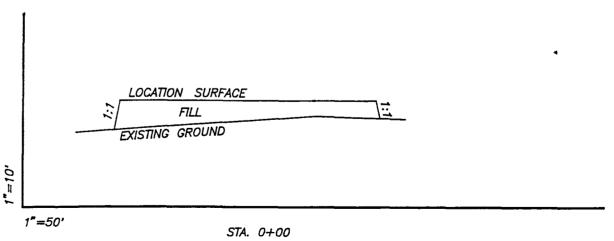
CUT: 3800 CU. YDS. (INCLUDES PIT)

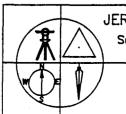
FILL: 1000 CU. YDS.

LOCATED IN THE NE1/4 OF THE SE1/4 OF SECTION 25, TOWNSHIP 8 SOUTH, RANGE 16 EAST, S.L.B.&M.









JERRY D. ALLRED AND ASSOCIATES

Surveying and Engineering Consultants

121 NORTH CENTER STREET P.O. BOX 975 DUCHESNE, UTAH 84021 (801) 738-5352

2 DECEMBER 1995

84-121-041

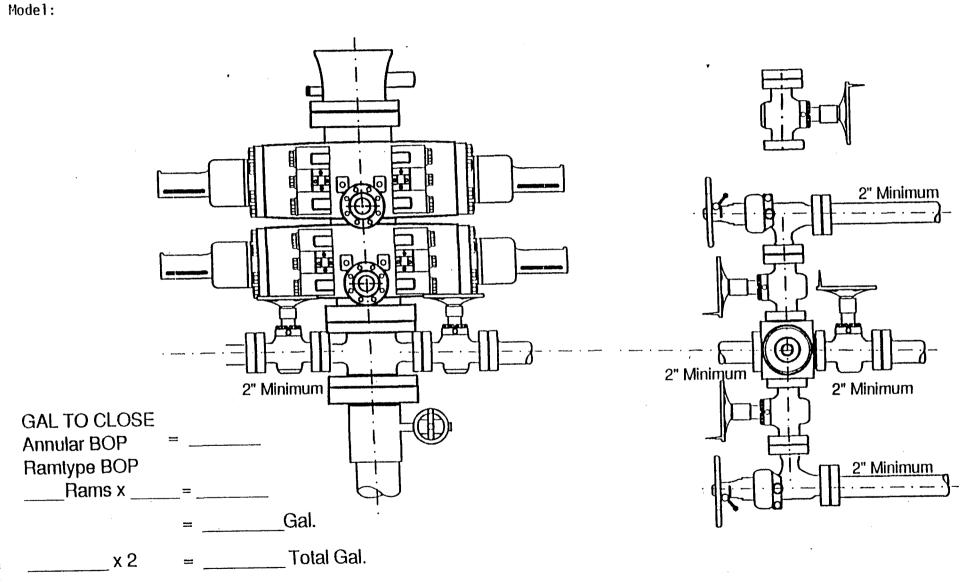
2-M SYSTEM

RAM TYPE B.O.P.

1 1 4

Make: Size:

EXHIBIT F



Rounding off to the next higher increment of 10 gal. would require
\_\_\_\_ Gal. (total fluid & nitro volume)

## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 12/21/95	API NO. ASSIGNED: 43-013-31600
WELL NAME: MONUMENT BUTTE FED 9-25 OPERATOR: INLAND PRODUCTION COMPAN	NY (N5160)
PROPOSED LOCATION: NESE 25 - T08S - R16E SURFACE: 0624-FEL-1913-FSL BOTTOM: 0624-FEL-1913-FSL DUCHESNE COUNTY MONUMENT BUTTE FIELD (105)  LEASE TYPE: FED LEASE NUMBER: U-67170  PROPOSED PRODUCING FORMATION: GRRV	INSPECT LOCATION BY: / / TECH REVIEW Initials Date Engineering Geology Surface
RECEIVED AND/OR REVIEWED:  Y Plat  Y Bond: Federal[] State[] Fee[]  (Number 4488944 )  N Potash (Y/N)  N Oil shale (Y/N)  Y Water permit  (Number fill I stretted well 4)25  N RDCC Review (Y/N)  (Date:)	LOCATION AND SITING:  R649-2-3. Unit: R649-3-2. General.  R649-3-3. Exception.  Drilling Unit.  Board Cause no: Date:
COMMENTS:	
STIPULATIONS:	

## INLAND PRODUCTION COMPANY WATERFLOOD DEVELOPMENT SEC. 25, T8S, R16E DUCHESNE COUNTY, UAC R649-3-2

DOO							
xx*xx	(			R 16 E	R 17 E		
		xxxxx					
				MONUMENT 8-25 ⊛	=ED		
GRŔV				MONUMENT 9-25 ⊛	=ED		
			GŘRV				
xxxx	GRRV			xxxxx			
GRRV GRR	y GRRV	GRRV	GŔŔV XX	MONU ***	MENT E	BUTTE	
GRRV GRRI		GŔŔV	GRRV GRRV GRRV			xxxxx	   6   5   1   1
GRRV GR	GÆRV RV	GŘŔV	GRRV	<i>xx</i> <b></b> *xx			GR'RV
			*		*	æ	*

STATE SPACING UAC R649-3-2 PREPARED: DATE: 12/26/95

#### STATE OF UTAH, DIV OF OIL, GAS & MINERALS

Operator: INLAND PRODUCTION CO | Well Name: MONUMENT BUTTE FED 9

Project ID: 43-013-31600 | Location: SEC. 25 - T088 - R16E

Design Factors: Design Parameters: : 1.125 Collapse Mud weight (10.00 ppg) : 0.519 psi/ft Shut in surface pressure : 2960 Burst : 1.00 psi Internal gradient (burst): 0.064 psi/ft 8 Round : 1.80 (J) psi/ft **Buttress** : 1.60 (J) Annular gradient (burst) : 0.000 Other : 1.50 (J) Tensile load is determined using air weight Body Yield : 1.50 (B) Service rating is "Sweet"

	Length (feet)	Size (in.)	Weight (lb/ft)	Grade	e Joir	nt	Depth (feet)	Drift (in.)	Cost
1	6,500	5.500	15.50	J-55	5 LT&(	C	6,500	4.825	
	Load (psi)	Collapse Strgth (psi)	S.F.	Burst Load (psi)	Min Int Strgth (psi)	Yield S.F.	Load	Tension Strgth (kips)	s.F.
1	3377	4040	1.196	3377	4810	1.42	100.75	5 217	2.15 J

Prepared by : MATTHEWS, Salt Lake City, Utah

Date

02-05-1996

Remarks

Minimum segment length for the 6,500 foot well is 1,500 feet.

SICP is based on the ideal gas law, a gas gravity of 0.75, and a mean gas

temperature of 114°F (Surface 74°F, BHT 165°F & temp. gradient 1.400°/100 ft.)

String type: Production

The mud gradient and bottom hole pressures (for burst) are 0.519 psi/ft and

3,377 psi, respectively.

NOTE:

The design factors used in this casing string design are as shown above. As a general guideline, Lone Star Steel recommends using minimum design factors of 1.125 - collapse (with evacuated casing), 1.0 - (uniaxial) burst, 1.8 - API 8rd tension, 1.6 - buttress tension, 1.5 - body yield tension, and 1.6 - EUE 8rd tension. Collapse strength under axial tension was calculated based on the Westcott, Dunlop and Kemler curve. Engineering responsibility for use of this design will be that of the purchaser.

Costs for this design are based on a 1987 pricing model. (Version 1.07)



DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt Governor Ted Stewart Executive Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) James W. Carter Division Director 801-339-3940 (Fax) 801-538-5319 (TDD)

February 5, 1996

**Inland Production Company** P.O. Box 1446 Roosevelt, Utah 84066

Monument Butte Federal #9-25 Well, 1913' FSL, 624' FEL, NE SE, Sec. 25, Re: T. 8 S., R. 16 E., Duchesne County, Utah

#### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-31600.

Sincerely,

Associate Director

lwp

Enclosures

**Duchesne County Assessor** 

Bureau of Land Management, Vernal District Office

WAPD



Operator:	Inland Production Company								
Well Name &	Monument Butte Federal #9-25								
API Number:		43-013-31600							
Lease:		U-67	170						
Location:	NE SE	Sec.	25	_ т	8 S.	_ R	16 E.		

#### **Conditions of Approval**

#### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.

2. Notification Requirements

Notify the Division within 24 hours following spudding the well or commencing drilling operations. Contact Jimmie Thompson at (801)538-5340.

Notify the Division prior to commencing operations to plug and abandon the well. Contact Frank Matthews or Mike Hebertson at (801)538-5340.

3. Reporting Requirements

All required reports, forms and submittals shall be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

Form 3160-3 (November 1983)

SUBMIT IN TRIPLICATE\* (Other instruction

Form approved. Budget Bureau No. 1004-0136 Expires August 31, 1985

(formerly 9-331C)						_	paros ragast	01, 1900	
•	DEPARTME!	NT OF THE OF LAND MANA		OR	2 1 199	6	5. LEASE DESIGNATION U-67170	AND SEBIAL NO.	<del>-</del> .
									-
	N FOR PERMIT	TO DRILL,	DEEPEN	I, OR F	PLUG B	ACK_	6. IF INDIAN, ALLOTTE	G OR TRIBE NAME	
	RILL X	DEEPEN		PL	UG BAC	к 🗆 📗	7. UNIT AGREEMENT N	AME	
b. TYPE OF WELL	GAS 🗂		SINGI	NE []	MULTIPL	.e —	8. FARM OR LEASE NA		-
WELL &	WELL OTHER		ZONE		ZONE		Monument Bu		1
2. NAME OF OPERATOR						}	9. WELL NO.		
	ction Company						#9 <b>-2</b> 5		
3. ADDRESS OF OPERATOR		- 05066				1	10. FIELD AND POOL, O		-
P.O. Box 144	6 Roosevelt, U.  Beport location clearly a	t 84066	-144 04-4	1			Monument Bu		
4. LOCATION OF WELL (	Report location clearly a	nd in accordance w	vitu any stat	e requireme	ents.~)	Į.			
NE/SE							11. SEC., T., R., M., OB : AND SURVEY OR AR	era.	
At proposed prod. zo	one 624' FEL &	1913' FSL				ļ	Sec. 25, T8	S, R16E	
14. DISTANCE IN MILES	AND DIRECTION FROM NI	AREST TOWN OR PO	OST OFFICE*				12. COUNTY OR PARISH	13. STATE	
12 5 miles s	outh of Myton,	וויי					Duchesne	UT	
15. DISTANCE FROM PROP LOCATION TO NEARE	POSED*	<u> </u>	16. NO. O	F ACRES IN	LEASE		F ACRES ASSIGNED IS WELL		•
PROPERTY OR LEASE		6241	9	60 .		10 11.	40		
18. DISTANCE FROM PRO	POSED LOCATION®		19. PROPO	SED DEPTH		20. ROTAB	Y OR CABLE TOOLS		•
TO NEAREST WELL, OR APPLIED FOR, ON T	DRILLING, COMPLETED,	1318'	6	500 <b>'</b>		Rota	ıry		
21. ELEVATIONS (Show W	hether DF, RT, GR, etc.)		<del></del>				22. APPROX. DATE WO	RK WILL START*	
5327' GR							2nd Quarte	r 1996	
23.		PROPOSED CA	SING AND C	EMENTING	PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER	FOOT	SETTING I	DEPTH		QUANTITY OF CEMEN	(T	
12 1/4	8 5/8	24#	3	00'		120 sx	Class G + 2%	CaCl & 2%	ge
7 7/8	5 1/2	15.5#	Т	D		400 sx	Hilift follo	wed by	_
			•			330 sx	Class G w/ 1	0% CaCl	
		1	]		1	•			

SIGNED Brad Mecham 30 Mechan TITLE O	perations Manager	DATE 12/12/95
(This space for Federal or State office use)  47-013-31690	APPROVAL DATE	
APPROVED BY HOUSE CONDITIONS OF APPROVAL, IF ANY:	ASSISTANT DISTRICT	DATE FEB 1 3 1995

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

### CONDITIONS OF APPROVAL APPLICATION FOR PERMIT TO DRILL

Company/Operator: <u>Inland Production Company</u>

We	ll Name &	Number: Monument Federal 9-25
API	Number:	43-013-31600
Lea	se Number:	U-67170
Loc	ation: <u>NES</u>	SE Sec. <u>25</u> T. <u>8S</u> R. <u>16E</u>
		NOTIFICATION REQUIREMENTS
Location Construction	on -	at least forty-eight (48) hours prior to construction of location and access roads.
Location Completio	n -	prior to moving on the drilling rig.
Spud Notice	-	at least twenty-four (24) hours prior to spudding the well.
Casing String and Cementing	-	at least twenty-four (24) hours prior to running casing and cementing all casing strings.
BOP and Related Equipment Tests	-	at least twenty-four (24) hours prior to initiating pressure tests.
First Production	_	within five (5) business days after new well begins, or production

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

days.

Notice

resumes after well has been off production for more than ninety (90)

#### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Orders, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative by the operator to insure compliance.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

#### A. DRILLING PROGRAM

## 1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report <u>ALL</u> water shows and water-bearing sands to Tim Ingwell of this office. Copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

#### 2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **2M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

#### 3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint.

If conductor pipe is set it will be cemented to surface. If drive pipe is used it will be pulled prior to cementing surface casing.

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Mahogany Oil Shale, identified at ± 2574 ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

#### 4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

#### 5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vaporproof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

The Gamma Ray and Induction Logs need to be pulled from TD to the Surface Shoe.

A cement bond log (CBL) will be run from the production casing shoe to  $\pm$  2374 ft. and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

#### 6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The Vernal District Office shall be notified, during regular work hours (7:45 a.m.-4:30 p.m., Monday through Friday except holidays), at least 24 hours **prior** to spudding the well.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

<u>Immediate Report</u>: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5 (b.9. d.), and shall be submitted to the appropriate District Office within sixty (60) days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (b. 4).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

#### 7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries. Tests for meter accuracy will be conducted following initial installation and at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office. All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

COA's Page 6 of 9 Well: Monument Federal 9-25

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approval or notification is necessary, please contact one of the following individuals:

Wayne Bankert (801) 789-4170 Petroleum Engineer

Ed Forsman (801) 789-7077 Petroleum Engineer

Jerry Kenczka (801) 789-1190 Petroleum Engineer

BLM FAX Machine (801) 781-4410

#### EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

- Unused fracturing fluids or acids
- Gas plant cooling tower cleaning wastes
- Painting wastes
- Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spend solvents, spilled chemicals, and waste acids
- Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste
- Refinery wastes
- Liquid and solid wastes generated by crude oil and tank bottom reclaimers
- Used equipment lubrication oils
- Waste compressor oil, filters, and blowdown
- Used hydraulic fluids
- Waste solvents
- Waste in transportation pipeline-related pits
- Caustic or acid cleaners
- Boiler cleaning wastes
- Boiler refractory bricks
- Incinerator ash
- Laboratory wastes
- Sanitary wastes
- Pesticide wastes
- Radioactive tracer wastes
- Drums, insulation and miscellaneous solids.

## CONDITIONS OF APPROVAL FOR THE SURFACE USE PROGRAM OF THE APPLICATION FOR PERMIT TO DRILL

ompany/operator: intand Production Company
API Number43-013-31600
Well Name & Number: Monument Butte 9-25
ease Number: <u>U-67170</u>
ocation: NE SE Sec. 25 T.8 S. R.16 E.
urface Ownership: <u>BLM</u>
ate NOS Received <u>1-8-96</u>
ate APD Received <u>1-8-96</u>

#### -Notification Requirements:

- \* Location Construction- Forty-eight (48) hours prior to construction of location and access roads.
- \* Location Completion- Prior to moving on the drilling rig.
- \* Spud Notice- At least twenty-four (24) hours prior to spudding the well.
- \* Casing String and Cementing-Twenty-four (24) hours prior to running casing and cementing all casing strings.
- \* BOP and Related Equipment Tests- Twenty- four (24) hours prior to initiating pressure test.
- \* First Production Notice-Within five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.
- -Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service publication: Surface Operating Standards for Oil and Gas Exploration and Development, (1989).
- -All vehicle travel will be confined to existing access road rights-of-way.
- -After first production, produced waste water will be confined to a lined pit or storage tank for a period not to exceed ninety (90) days. During the 90 day period, in accordance with Onshore Order No. 7 an application for approval of a permanent disposal method and

location, along with required water analysis, shall be submitted for the AO's approval. Failure to file an application within the time allowed will be considered an incident of noncompliance.

- -The reserve pit will be lined in accordance with the requirements stipulated in the APD.
- -No construction, drilling or workover operations are to occur between February 1 and July 15, 1996, to protect nesting raptors. This clearance is good for the 1996 reproductive season only.
- -To avoid paleontological sites along the access road, the construction of the road needs to be monitored by a certified paleontologist during construction.

#### DIVISION OF OIL, GAS AND MINING

#### SPUDDING INFORMATION

Name of Company: INLAND PRODUCTION
Well Name: MONUMENT BUTTE FEDERAL 9-25
Api No. 43-013-31600
Section 25 Township 8S Range 16E County DUCHESNE
Drilling Contractor
Rig #
SPUDDED: Date 4/4/96
Time
How DRY HOLE
Drilling will commence
Reported by D. INGRAM-DOGM
Telephone #
Date: 4/9/96 Signed: JLT

अंदरह क्ष	धाना		
atvis.du	क्ष एस.	CAS AND	Dain'in
ENTITY	ACTION	FANH _	FREM 6

OPERATOR Inland Production Company P.O. Box 1446 ADDRESS \_ Roosevelt, UT 84066

OPERATOR ACCT. NO.

ACHION											
3000	CONFERI ENTERY NO.	NEW ENTITY NO.	APE NUMBER	WELL NAME				LOCATI		SPUD	EFFECT
B	99999	1	1	Monument Butte State 6-36	SEMM	36	8S	RG 16E	Duchesne	B/27/96	3/27/
(ELL 1 C)	कित्तरमा है।	<del>'</del>	1	4-10-96. Lee Cmon. Butte Co	GRRV D	<u> </u>	1		1	<u> </u>	<u> </u>
A	99999	11897	13-013-31600	Monument Butte Federal 9-25	NESE	25	88	16B	Duchesne	1/5/96	1/5/9
€ 2 ti	tkan€zrF\$;	Ens	lify added	4-10-96. Lec	<del></del>		<del></del>				1
A.	99999	11898	13-013-31599	Monument Butte State 1A-36	NENE	36	88	16E	Duchesne	3/25/96	3/25
KLL 3 C	UMMERICS:			4-10-96. Lu		1	_1			7, -3730	4127
A	99999	11899	13-013-31597	Onument Butte Federal 16-25	SESE	25	85	16E	Duchesne	4/1/96	11/10
	99999 DHHELITS:			Onument Butte Federal 16-25	SESE	25	8.5	16E	Puchesne	/1/96	/1/9

ACTION COMES (See instructions on back of form)

A - Establish new entity for new well (single well only)

0 - Add new well to existing entity (group or unit well)

C - Re-assign well from one existing entity to another existing entity

d - Re-assign well from one existing entity to a new entity

E - Utilize (explain in comments section)

MATE: Use COMMENT section to explain why each Action Code was selected.

13/895

Cheryl Cameron

RCS TILLA

4/8/96

Phone No. 1801 722-5103

April 8, 1996

State of Utah
Division of Oll, Gas & Mining
355 West North Temple
Three Triad Center Suite 350
Salt Lake City Utah 84180-1203

ATTENTION: Lisha Cordova

RE: Monument Butte State #6-36
Moument Butte Federal #9-25
Monument Butte State #1A-36
Monument Butte Federal #16-25

Dear Lisha,

I am faxing Entity Action Form - 6, for the new Entity No., on the above referenced location.

Please call me at your convenience, with the new numbers at (801) 722-5103.

Sincerery,

Cheryl Cameron

Regulatory Compliance Specialist

/cc Enclosures Form 3160-5

# UNITED STATES

FORM APPROVED

	NT OF THE INTERIOR LAND MANAGEMENT	Expires: March 31, 1993  5. Lease Designation and Serial No.
SUNDRY NOTICES  Do not use this form for proposals to di	AND REPORTS ON WELLS rill or to deepen or reentry to a different reservoir.	U-67170  6. If Indian, Allottee or Tribe Name
	R PERMIT—" for such proposals  IN TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well		
Qil Gas Well Other  2. Name of Operator		8. Well Name and No.  Monument Butte Fed #9-2
Inland Production Company		9. API Well No.
3. Address and Telephone No. P.O. Box 1446 Roosevelt, UT	84066 (801) 722-5103	43-013-31600 10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., R., M., or Survey D. NE/SE 624' FEL & 1913' FSL Sec. 25, T8S, R16E	escription)	Monument Butte 11. County or Parish, State  Duchesne County, Utah
12. CHECK APPROPRIATE BOX	s) TO INDICATE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION	
Notice of Intent	Abandonment  Recompletion	Change of Plans New Construction Non-Routine Fracturing
Subsequent Report  Final Abandonment Notice	Plugging Back Casing Repair Altering Casing Notification	Water Shut-Off Conversion to Injection Dispose Water
give subsurface locations and measured and true vertice.  Drilled 12 1/4" hole	to 303' w/ Leon Ross rathole rig. Rur	n 291.76' of
8 5/8" csg. Drilled 2% gel + 1/4#/sk floo	mouse & rat hole. Cmt w/ 120 sx premele.	T W/ Zp GdGI T
SPUD on 4/5/96		
•		
		ENTORS
14. I hereby certify that the foregoing is true and correct	Dayletony Comissiones Consist	list <sub>Date</sub> 4/8/96
Signed Cheryl Cameron (This space for Federal or State office use)	Title Regulatory Compliance Special	LIDO Date 7/0/90
Approved by	Title	Date
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED Budget Bureau No. 1004-0135

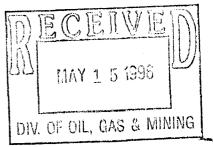
Expires: March 31, 1993

5. Lease Designation and Serial No. BUREAU OF LAND MANAGEMENT U-67170SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE 1. Type of Well Oil Well 8. Well Name and No. Mon Butte Federal #9-25 2. Name of Operator 9. API Well No. Inland Production Company 43-013-31600 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area 84066 (801)722-5103 P.O. Box 1446 Roosevelt, Utah 4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State NE/SE 624' FEL & 1913' FSL Duchesne County, Utah Sec. 25, T8S, R16E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA 12. TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent Abandonment **New Construction** Recompletion Non-Routine Fracturing X Subsequent Report Plugging Back Water Shut-Off Casing Repair Conversion to Injection Final Abandonment Notice Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) 13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled.

give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WEEKLY STATUS REPORT FOR WEEK OF 4/28/96 - 5/3/96:

Drilled 7 7/8" hole from 303'- 6100' w/ Kenting Apollo, Rig #59. RIH w/ 6090.36' of 5 1/2" 15.5# J-55 csg. Cmt w/ 280 sx Hifill and 360 sx Thixo w/ 10% Calseal.



I hereby certify that the foregoing is true and correct  Cheryl Cameron  Signed	Title Regulatory Compliance Specialist	Date5/6/96
(This space for Federal or State office use)  Approved by Conditions of approval, if any:	Title	Date

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (June 1990)

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPRO	VED 4
Budget Bureau No.	1004-0135
Expires: March	1 1993

5. Lease Designation and Serial No.

U-67170 SUNDRY NOTICES AND REPORTS ON WELLS 6. If Indian, Allottee or Tribe Name Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals 7. If Unit or CA, Agreement Designation SUBMIT IN TRIPLICATE i. Type of Well Oil Well 8. Well Name and No. Mon. Butte Fed. #9-25 2. Name of Operator Inland Production Company 9. API Well No. 43-013-31600 3. Address and Telephone No. 10. Field and Pool, or Exploratory Area P.O. Box 1446 Roosevelt, UT 84066 (801) 722-51304. Location of Well (Footage, Sec., T., R., M., or Survey Description) 11. County or Parish, State NE/SE 624' FEL & 1913' FSL Duchesne County, Utah Sec. 25, T8S, R16E CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF ACTION TYPE OF SUBMISSION Change of Plans Notice of Intent Abandonment **New Construction** Recompletion Non-Routine Fracturing X Subsequent Report Plugging Back Water Shut-Off Casing Repair Conversion to Injection Altering Casing Final Abandonment Notice Dispose Water Other Weekly (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

WEEKLY STATUS REPORT FOR WEEK OF 5/11/96 - 5/16/96:

Perf B Sd 5290' - 5300'

Perf D Sd 4992' - 4999', 5047' - 5061', 5065' - 5072'

ON PRODUCTION 5/18/96

or representations as to any matter within its jurisdiction.

Signed Charty   Casteron	Title Regulatory Compliance Specialist Date 5/20/96	
(This space for Federal of State office use)  Approved by Conditions of approval, if any:	Title Date	
The LOUIS C. Service 1991 makes it a crime for any person knowingly	and willfully to make to any department or agency of the United States any false, fictitious or frauduler	nt statements

1a. TYPE OF WELL:

2. NAME OF OPERATOR

At surface

At total depth

15. DATE SPUDDED

4/4/96

6100'

20. TOTAL DEPTH, MD & TVD

3. ADDRESS OF OPERATOR

b. TYPE OF COMPLETION: NEW X

P.O. Box 1446

WORK

NE/SE At top prod. interval reported below

Inland Production Company

	NITE	ED S	TATE	ES	SUBMIT
DEPARTI	MENT	OF	THE	INTE	RIOR

GAS WELL

Roosevelt, Utah

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements).

PI UG BACK

REST

84066

624' FEL & 1913' FSL

WELL COMPLETION OR RECOMPLETION

DEEP-

16. DATE T.D. REACHED

5/2/96

WELL X

BUREAU OF LAND MANAGEMENT

SUBMIT IN

AND

DIV. OF OIL, GAS & MINING

REPORT

Other

CATE \* (See other in-

**.** 

structions on

del

Form approved. Budget Bureau No. 1004-0137 Expires A gust 31, 1985

5.	LEASE	DESIGNATION	AND	SERIAL	NO.

Į	J <b>-</b> 671'	70			
6. IF	INDIAN.	ALLOTTEE	OR	TRIBE	NAME

7.	UNIT	AGREEMENT	NAME

Monu	ment.	But	t.e

S. FARM OR LEASE NAME

### Monument Butte Federal

9. WELL NO.

9-25 10. FIELD AND POOL, OR WILDCAT

### Monument Butte

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

13. STATE

27. WAS WELL CORED

Sec. 25, T8S, R16E

12. COUNTY OR PARISH 14. PERMIT NO. 43-013-31600 2/5/96 Duchesne Utah 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF. RKB, RT, GR. ETC.)\* 19. ELEV. CASINGHEAD 5327'GR 5/18/96 23. INTERVALS ROTARY TOOLS CABLE TOOLS 22. IF MULTIPLE COMPL., 21. PLUG. BACK T.D., MD & TVD HOW MANY DRILLED BY X WAS DIRECTIONAL 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\* 25. Green River SURVEY MADE 5290'-5300', 4992'-4999', 5047'-5061', 5065'-5072' NO

DATE ISSUED

26. TYPE ELECTRIC AND OTHER LOGS RUN 6-7-96 NO CBL. CNL DLL CASING RECORD (Report all strings set in well) 28. CEMENTING RECORD DEPTH SET (MD) HOLE SIZE AMOUNT PULLED WEIGHT, LB./FT. CASING SIZE

gel & 1/4# /sk 120 sx prem + w/2% CC, 24# 289.87'GL 12 1/4 2% 8 5/8 flocele 360 sx Thixb w/ 10% Calseal 6090.36 280 sx Hifill. 5 1/2 15.5# 7 7/8

29.	9. LINER RECORD			30.	TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC. 32. AMOUNT AND KIND OF MATERIAL USED B sd @ 5290'-5300' DEPTH INTERVAL (MD) 60,100# 20/40 in 412 bbls gel D sd @ 4992'-4999', 5047'-5061', 5065'-5072' 5290'-5300'

78.500# 20/40 in 477 bbls gel 49921-49991 5047'-5061' 5065'-5072'

PRODUCTION 33.\* PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in) DATE FIRST PRODUCTION Producing Pumping - 2 1/2" X 1 1/2" X 12' X 15' RHAC pump 5/18/96 GAS-OIL RATIO WATER-DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL-BBL. GAS--MCF TEST PERIOD .347 <u>5/9</u>6 95 7 day average n/a WATER--BBL. OIL GRAVITY-API (CORR.) GAS-MCF. CASING PRESSURE CALCULATED OIL-BBL. FLOW. TUBING PRESS. 24-HOUR RATE 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY

#### Sold & Used for fuel 35. LIST OF ATTACHMENTS

Logs listed in Item #24 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

TITLE Regulatory Compliance Spec. merees SIGNED

DATE \_6/3/96

The second secon						
TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	TENTS, ETC.		TOP	ď
,				NAME	MEAS, DEPTH	TRUE VERT, DEPTH
4285						
4802						
4963						
5840						
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Inland Production Co 4-67170 Mon Butte Fee # 9-25 43-013-31600 SEC 25; 785; RIGE (Obs) MARTH Reclamation Here WELL HEAD ENThorce Pump TREATER 1-200 Water 2-400 01 Berm

# BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH

### ---00000---

IN THE MATTER OF THE

NOTICE OF AGENCY

APPLICATION OF INLAND

**ACTION** 

PRODUCTION COMPANY FOR

ADMINISTRATIVE APPROVAL OF THE MONUMENT BUTTE FEDERAL

CAUSE NO. UIC-179

1-25, 9-25, 15-24 AND 15-26 WELLS LOCATED IN SECTIONS 24, 25 AND

LOCATED IN SECTIONS 24, 25 AND 26, TOWNSHIP 8 SOUTH, RANGE

16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II

INJECTION WELLS

---00000---

# THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Inland Production Company for administrative approval of the Monument Butte Federal 1-25, 9-25, 15-24 and 15-26 wells, located in Sections 24, 25 and 26, Township 8 South, Range 16 East, S.L.M., Duchesne County, Utah, for conversion to Class II injection wells. The proceeding will be conducted in accordance with Utah Admin. R.649-10, Administrative Procedures.

The interval from 4300 feet to 6000 feet (Green River Formation) will be selectively perforated for water injection. The maximum injection pressure and rate will be determined by means of a step-rate test at the time of conversion.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. If such a protest or notice of intervention is received, a hearing will be scheduled before the Board of Oil, Gas and Mining. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 26th day of September 1996.

STATE OF UTAH DIVISION OF OIL, GAS & MINING

Associate Director, Oil & Gas

ij



Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter

Division Director

# DIVISION OF OIL, GAS AND MINING

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) 801-538-5319 (TDD)

September 26, 1996

**Newspaper Agency Corporation** Legal Advertising Tribune Building, Front Counter 143 South Main Salt Lake City, Utah 84111

Re: Notice of Agency Action - Cause No. UIC-179

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Larraine Platt

raine Plate

Secretary

Enclosure





# State of Utah DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt
Governor
Ted Stewart
Executive Director
James W. Carter
Division Director

355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) 801-538-5319 (TDD)

September 26, 1996

Uintah Basin Standard 268 South 200 East Roosevelt, Utah 84066

Re: Notice of Agency Action - Cause No. UIC-179

Gentlemen:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please send proof of publication and billing to the Division of Oil, Gas and Mining, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

Sincerely,

Larraine Platt Secretary

Larraine Platt

**Enclosure** 



# Inland Production Company Monument Butte Federal 1-25, 9-25, 15-24 and 15-26 Wells Cause No. UIC-179

Publication Notices were sent to the following:

Inland Production Company P. O. Box 1446 Roosevelt, Utah 84066

Newspaper Agency Corporation Legal Advertising Tribune Building, Front Counter 143 South Main Salt Lake City, Utah 84111

Uintah Basin Standard 268 South 200 East Roosevelt, Utah 84066

Vernal District Office Bureau of Land Management 170 South 500 East Vernal, Utah 84078

U.S. Environmental Protection Agency Region VIII Attn. Dan Jackson 999 18th Street Denver, Colorado 80202-2466

Larraine Platt Secretary

September 26, 1996

STATE OF UTAH
DIVISION OF OIL. GAS AND MINING

Monument Butte F Unit

APPLICATION FOR INJECTION WELL - UIC FORM 1  OPERATOR Inland Production Company ADDRESS P.O. Box 1446 Roosevelt, UT 84066  DIV. OF OIL, GAS & MINING
Well name and number: Monument Butte Federal #9-25
Field or Unit name: <u>Monument Butte</u> Lease no. <u>U-67170</u>
Well location: QQ <u>NESE</u> section <u>25</u> township <u>8S</u> range <u>16E</u> county <u>Duchesne</u>
Is this application for expansion of an existing project? Yes $oxtimes X oxtimes No$
Will the proposed well be used for: Enhanced Recovery? Yes [弘 No [] Disposal? Yes [] No 內 Storage? Yes [] No 內
Is this application for a new well to be drilled? Yes $oxtimes$ No $oxtimes$
If this application is for an existing well, has a casing test been performed on the well? Yes [4] No [1] Date of test: 5/12/96  API number: 43-013-31600
Proposed injection interval: from 4300' to 6000'  Proposed maximum injection: rate 1000 BPD pressure 2000# psig  Proposed injection zone contains [3] oil, [] gas, and/or [] fresh water within % mile of the well.
IMPORTANT: Additional information as required by R615-5-2 should accompany this form.
List of Attachments: <u>Exhibits "A" through "F-l"</u>
I certify that this report is true and complete to the best of my knowledge.
Name Brad Mecham  Title District Operations Manager  Phone No. (801) 722-5103  Signature Date 8-29-96
(State use only) Application approved by Title

Comments:

Approval Date

# INLAND PRODUCTION COMPANY APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL

**MONUMENT BUTTE FEDERAL #9-25** 

**LEASE NO. U-67170** 

**AUGUST 20, 1996** 

# REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS RULE R615-5-1

- Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction
  of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or
  for storage and the injection of water into any formation for the purpose of water disposal shall be permitted
  only by order of the Board after notice and hearing.
- 2) A request for agency action for authority for the injection of gas, liquefied petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:
  - 2.1. The name and address of the operator of the project;

Answer: Inland Production Company

P.O. Box 1446 W. Poleline Road Roosevelt, Utah 84066

2.2. A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile radius of the project area;

Answer: Reference Exhibit "A".

2.3. A full description of the particular operation for which approval is requested;

Answer: To approve the conversion of the Monument Butte Federal #9-25 from a producing oil well to a water injection well in the Monument Butte field; and to approve the installation of an injection line from the Monument Butte Federal #15-25 to the Monument Butte Federal #9-25 with a 3" coated steel line approximately 2650' and buried 5' deep, in order to transfer water to the Monument Butte #9-25 from our existing water line at the Monument Butte Federal #15-25. Reference Exhibit "B".

2.4. A description of the pools from which the identified wells are producing or have produced;

Answer: The proposed injection well will inject into the Green River Formation.

2.5. The names, description and depth of the pool or pools to be affected;

Answer: The Green River Formation pool targeted for injection is the B and the D sands with a gamma ray derived top as follows: In the #9-25 "B" sand @ 5290'; "D" sand @ 4992'. The injection zones are a porous and permeable lenticular calcareous sandstone. The porosity of the sandstone is intergranular. The confirming impermeable stratum directly above and below the injection zones are composed of tight, moderately calcareous lacustrine shale.

2.6. A copy of a log of a representative well completed in the pool;

**Answer:** Referenced log Monument Butte Federal #9-25 is currently on file with the Utah Division of Oil, Gas & Mining and the Bureau of Land Management.

2.7. A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily;

Answer: Culinary water from Johnson Water District supply line.

**Estimated Injection Rate:** 

200-400 BPD

2.8. A list of all operators or owners and surface owners within a one-half mile radius of the proposed project;

Answer: Reference Exhibit "C".

2.9. An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection;

Answer: Reference Exhibit "D".

2.10. Any additional information the Board may determine is necessary to adequately review the petition.

**Answer:** Inland will supply any additional information requested by the Bureau of Land Management.

4.0. Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the board after notice and hearing or by administrative approval.

Answer: This proposed injection well is within the Monument Butte Field and the request is for administrative approval.

# REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL, STORAGE AND ENHANCED RECOVERY WELLS SECTION V - RULE 615-5-2

- 1) Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.
- 2) The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:
  - 2.1. A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well;

Answer: Reference Exhibits "A" and "C".

2.2. Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity;

Answer: All logs will be filed upon completion of the well.

2.3. A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented;

Answer: A copy of the cement bond log is on file with the Bureau of Land Management, and with the Utah Division of Oil, Gas & Mining

2.4 Copies of log already on file with the Division should be referenced, but need not to be refiled.

**Answer:** All copies are on file with the Bureau of Land Management, and the Utah Division of Oil, Gas & Mining.

2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well;

Answer: The casing program is New 8-5/8" 24# J-55 surface casing run to 289.87' GL, and 5 1/2"casing from surface to 6100'. A casing integrity test was conducted on 5/12/96. Reference Exhibits "E-1" through "E-12".

2.6. A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.

**Answer:** Culinary water from our pre approved Boundary supply line. Reference Exhibit "B". Estimated Injection Rate: 200-400 BPD

2.7. Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.

Answer: Reference Exhibit "F" and "F-1" (Samples taken from the Monument Butte Federal #9-25, Johnson water, and the compatibility of both fluids).

2.8. The proposed average and maximum injection pressures;

Answer: Average Injection Pressure will be determined upon conversion by a Step Rate Test.

2.9. Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata;

Answer: The frac gradients for the Monument Butte Federal #9-25 is 0.61 psig/ft. The maximum injection pressures will be kept below this gradient. A step rate test will be performed periodically to ensure we are below parting pressure.

2.10. Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent;

Answer: The injection zone is from 4300' - 6000', found with the Green River Formation. The reservoirs are a very fine grain sandstone with minor interbedded shale streaks. The top of the "D" estimated at approximately 4992'. The estimated average porosity is 14%; the estimated fracture pressure is 2300# psi.

The porous and permeable lenticular sandstones vary in thickness from 0' to 40' and are confined to the Boundary Field by low porosity calcareous shale and carbonates.

The confining stratum directly above and below the injection zone is the Douglas Creek member of the Green River Formation. The strata confining the injection zone is composed of tight, moderately calcareous sandy lacustrine shale. All of the confining strata is impermeable and it will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it. Maps and cross sections to the Boundary Unit are on file with the Division of Oil, Gas & Mining and also with the U. S. Bureau of Land Management.

2.11. A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter improper intervals;

Answer: Exhibits "E-1" through "E-12".

The injection system will be equipped with high and low pressure shut-down devices which will automatically shut-in injection waters if a system blockage or leakage occurs. One way check valves will also insure proper flow management. Relief valves will also be utilized for high pressure relief.

2.12. An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well;

Answer: Exhibit "D".

2.13 Any other additional information that the Board or Division may determine is necessary to adequately review the application.

Answer: Inland Production Company will await review of this application and additional information will be submitted if required.

3) Applications for injection wells which are within a recovery project area will be considered for approval.

- 3.1. Pursuant to Rule 615-5-1-3
- 3.2. Subsequent to Board approval of a recovery project pursuant to Rule 615-5-1-3.
- 4) Approval of an injection well is subject to the requirements of Rule 615-5-4, if the proposed injection interval can be classified as an USDW.
- 5) In addition to the requirements of this section, the provisions of Rule 615-3-1, R615-3-4, R615-3-24, R615-3-24, R615-3-24, R615-3-1, R615-3-1, R615-3-24, R615-3-

### INLAND PRODUCTION COMPANY

### Monument Butte Federal #9-25 Sec. 25, T8S, R17E Duchesne County, Utah

### PLUGGING & ABANDONMENT PLAN

The plugging and abandonment plan consists of the following plugs:

**PLUG #1:** Set 200' plug from 3650' - 3850' w/ 30 sx cmt

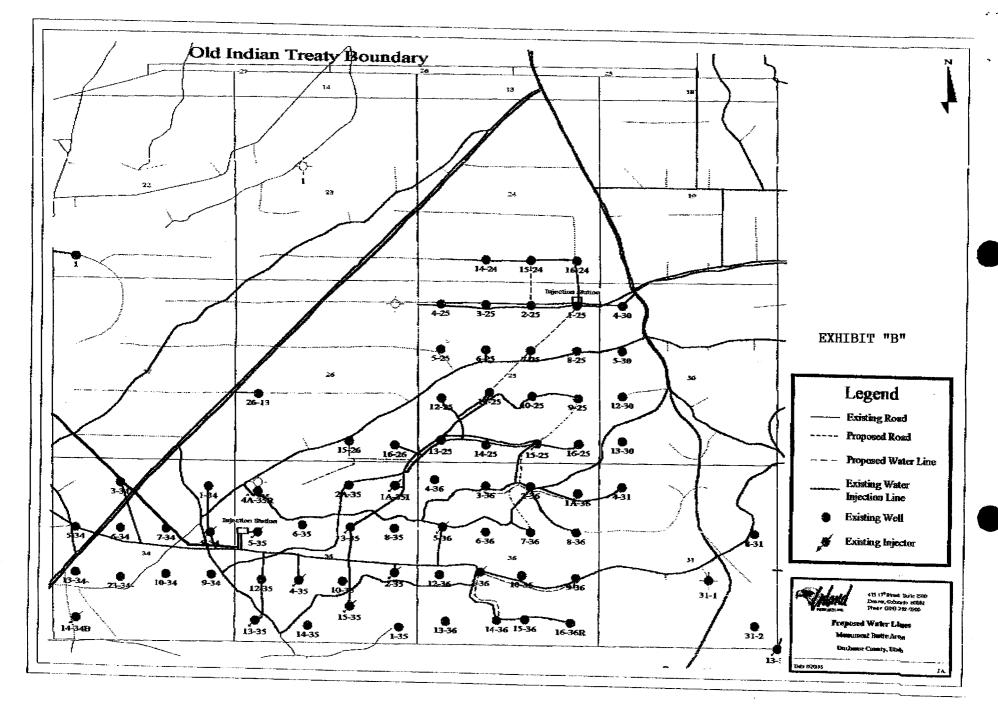
**PLUG #2:** Set 200' plug from 2400' - 2200' w/ 30 sx cmt

PLUG #3: Set 100' plug from 353' - 253' w/ 15 sx cmt

PLUG #4: Set 10 sx cmt plug from 50' - Surface

PLUG #5: Pump 75 sx cmt down 5 1/2" by 8 5/8" Annulus





### EXHIBIT "C"

# SURFACE OWNERS, OWNERS AND OPERATORS WITHIN A ONE-HALF MILE RADIUS OF THE MONUMENT BUTTE FEDERAL #9-25

Bureau of Land Management Vernal District Office 170 South 500 East Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
15494 West North Temple, Suite 1210
P.O. Box 145801
Salt lake City, Utah 84114-5801

### EXHIBIT "D"

RE: Application for Approval of Class II Injection Well Monument Butte Federal #9-25.

I certify that a copy of the application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

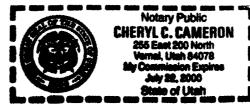
INLAND PRODUCTION COMPANY

**Brad Mecham** 

**District Operations Manager** 

Sworn to and subscribed before me this May of Quest 1996.

Notary Public in and for the State of Utah



## Monument Butte Federal #9-25

Spud Date: 4/28/96 Put on Production: 5/18/96 GL: 5327' KB: 5340'

### Wellbore Diagram

Initial Production: 95 BOPD, 33 MCFPD, 1 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: 291.67' DEPTH LANDED: 290' HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

### FRAC JOB

5/14/96 5290'-5300'

Frac B-1 sand as follows: 60,100 20/40 sd in 412 bbls Boragel frmtn. Brokedown @ 2876#, avg TP 2250 @ 18.5 bpm. ISIP-2312 psi, 5-min 2176 psi. Flow well back on 16/64" ck @ 1.5 bpm.

5/16/96 4992'-5072'

Frac D-1 & D-2 zone as follows: 78,500# of 20/40 sd in 477 bbls Boragel. Breakdown @ 2005# treated w/avg rate of 18.7 bpm @ 1800 psi. ISIP-2234 psi, 5-min SI 2124 psi. Start flowback on 16/64" ck @ 1.8 bpm.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 144 jts. (6124.47') DEPTH LANDED: 6090' HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sks Hyfill mixed & 360 sks thixotropic

CEMENT TOP AT: Surface per CBL

### **TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 176 jts TUBING ANCHOR: 4972'

TOTAL STRING LENGTH: ? (EOT @ 5383')

SN LANDED AT: 5289'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-3/4" scrapered, 106-3/4" slick rods, 97-3/4" scrapered

PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 15' RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 6 SPM

LOGS:Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

### PERFORATION RECORD

Anchor @ 4972'

4992'-99' 5047\*-61' 5065'-72'

€ 5290'-5300'

SN @ 5289' EOT @ 5383'

TD @ 6100'

5/13/96	5290'-5300'	4 JSPF	40 holes	
5/15/96	4992'-4999'	4 JSPF	28 holes	
5/15/96	5047'-5061'	4 JSPF	52 holes	
5/15/96	5065'-5072'	4 JSPF	28 holes	



# Inland Resources Inc.

### Monument Butte Federal #9-25

1913 FSL 624 FEL

NESE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31600; Lease #U-67170

# Monument Butte Federal #9-25

Spud Date: 4/28/96 Put on Injection: --/--/--GL: 5327' KB: 5340'

### Injection Diagram

Initial Production: 95 BOPD, 33 MCFPD, 1 BWPD

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CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: 291.67' DEPTH LANDED: 290' HOLE SIZE:12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

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Frac B-1 sand as follows: 60,100 20/40 sd in 412 bbls Boragel frmtn. Brokedown @ 2876#, avg TP 2250 @ 18.5 bpm. ISIP-2312 psi, 5-min 2176 psi. Flow well back on 16/64" ck @ 1.5 bpm.

5/16/96 4992'-5072'

Frac D-1 & D-2 zone as follows: 78,500# of 20/40 sd in 477 bbls Boragel. Breakdown @ 2005# treated w/avg rate of 18.7 bpm @ 1800 psi. ISIP-2234 psi, 5-min SI 2124 psi. Start flowback on 16/64" ck @ 1.8 bpm.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

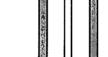
LENGTH: 144 jts. (6124.47') DEPTH LANDED: 6090' HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sks Hyfill mixed & 360 sks thixotropic

CEMENT TOP AT: Surface per CBL

TUBING\_

SUCKER RODS



PERFORATION RECORD

Packer @ 4952'

4992'-99' 5047'-61' 5065'-72'

5290'-5300'

PBTD @ 6094' TD @ 6100' 
 5/13/96
 5290'-5300'
 4 ISPF
 40 holes

 5/15/96
 4992'-4999'
 4 ISPF
 28 holes

 5/15/96
 5047'-5061'
 4 ISPF
 52 holes

 5/15/96
 5065'-5072'
 4 ISPF
 28 holes



## Inland Resources Inc.

### Monument Butte Federal #9-25

1913 FSL 624 FEL

NESE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31600; Lease #U-67170

# Monument Butte Federal #9-25

Spud Date: 4/28/96 Plugged: --/--/--GL: 5327' KB: 5340'

Plugging Diagram

Initial Production: 95 BOPD, 33 MCFPD, 1 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: 291.67' DEPTH LANDED: 290' HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

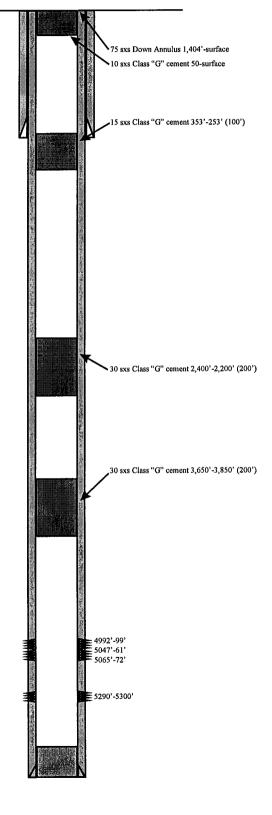
LENGTH: 144 jts. (6124.47')
DEPTH LANDED: 6090'
HOLE SIZE: 7-7/8"

CEMENT DATA: 280 sks Hyfill mixed & 360 sks thixotropic

CEMENT TOP AT: Surface per CBL

### **TUBING**

SUCKER RODS





# Inland Resources Inc.

### Monument Butte Federal #9-25

1913 FSL 624 FEL

NESE Section 26-T8S-R16E

Duchesne Co, Utah

API #43-013-31600; Lease #U-67170

### Monument Butte Federal #1-25

Spud Date: 4/17/96 Put on Production: 5/10/96 GL: 5398' KB: 5411'

### Wellbore Diagram

Initial Production: 354 BOPD, 458 MCFPD, 8 BWPD

#### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: 304' DEPTH LANDED: 303' HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

### FRAC JOB

4/30/96 6091'-6184' Frac CP-4 and CP-2 sand as follows: 83,400# 20/40 sd in 523 bbls Boragel. Breakdown @ 1801 psi. ISIP 1760 psi, 5min 1631 psi. Flowback after 5 min SI on 16/64" ck @ 1.6 bpm.

5459'-5468'

Frac B-2 sand as follows: 50,000# of 20/40 sd in 353 bbls Boragel. Breakdown @ 1008 psi. Treated @ avg rate 16.8 bpm, avg press 1450#. ISIP-2256 psi, 5-min 2042 psi. Flowback on 16/64" ck @ 1 bpm.

5/4/96 5317'-5327'

Frac C sand as follows: 57,400# of 20/40 sd in 383 bbls of Boragel. Frmtn broke @ 1797#. Avg treating press 1450# @ 162 bpm. ISIP-1820 psi, 5-min 1698 psi. Start flowback on 16/64" ck @ 1.5 bpm.

5/7/96 5151'-5160'

Frac D-1 sand as follows: 56,400# of 20/40 sd in 379 bbls of Boragel. Breakdown @ 1794 psi, treat @ avg rate 18.5, avg press 1300 psi. ISIP-1843 psi, 5-min 1775 psi. Start flowback on 16/64" ck @ 1.7 bpm, flowed for 1-1/4 hours & died.

### PRODUCTION CASING

CSG SIZE: 5-1/2' GRADE: J-55 WEIGHT: 15.5# LENGTH: 146 jts. DEPTH LANDED: 6246.44' HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sk Hyfill mixed & 355 sxs thixotropic

CEMENT TOP AT: Surface per CBL

#### **TUBING**

SIZE/GRADE/WT.: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 199 jts TUBING ANCHOR: 5864' SEATING NIPPLE: 2-7/8" (1.10') TOTAL STRING LENGTH: ? (EOT @ 5999')

SN LANDED AT: ?

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-3/4" scrapered, 132-3/4" slick rods, 95-3/4" scrapered

TOTAL ROD STRING LENGTH: ?

PUMP NUMBER: ?

PUMP SIZE: 2-1/2" x 1-1/2" x 10 x 15 RHAC

STROKE LENGTH: 86"

PUMP SPEED, SPM: 7 SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

### PERFORATION RECORD

Anchor @ 5864'

5151'-60'

5162'-69'

5317'-27'

**=** 5459'-68' 6091'-94 6097'-6105' E6179'-84'

EOT @ 5999'

PBTD @ 6202' TD @ 6250'

4/25/96	6179'-6184'	4 JSPF	? holes
4/25/96	6091'-6094'	4 JSPF	? holes
4/25/96	6097'-6105'	4 JSPF	? holes
5/1/96	5459'-5468'	4 JSPF	36 holes
5/3/96	5317'-5327'	4 JSPF	40 holes
5/6/96	5151'-5160'	4 JSPF	36 holes
5/6/96	5162'-5169'	4 JSPF	28 holes



## Inland Resources Inc.

### Monument Butte Federal #1-25

660 FNL 660 FEL

NENE Section 25-T8S-R16E

Duchesne Co, Utah

API #43-013-31608; Lease #U-67170

# Monument Butte Federal #7-25

Spud Date: 2/9/96 Put on Production: 3/13/96 GL: 5457' KB: 5468'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24#

LENGTH: ? jts. (306.77') DEPTH LANDED: 305.24'

HOLE SIZE:12-1/4"

CEMENT DATA: 120 sxs Premium cmt, 3 bbls to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: ? jts. (6199.78')

DEPTH LANDED: 6193' HOLE SIZE: 7-7/8"

CEMENT DATA: 70 sk Hyfill mixed & 430 sxs thixotropic

CEMENT TOP AT: 2948 per CBL

### <u>TUBI</u>NG

SIZE/GRADE/WT.: 2-7/8" / WC-50 / 6.5# NO. OF JOINTS: 202 its (6101') TUBING ANCHOR: 5891' SEATING NIPPLE: 2-7/8" (1.10') MUD ANCHOR:

TOTAL STRING LENGTH: ? (EOT @ 5991')

SN LANDED AT: 5927'

### SUCKER RODS

POLISHED ROD: 1-1/4" x 22' SM

SUCKER RODS: 4-3/4" scrapered, 132-3/4" slick rods, 96-3/4" scrapered

TOTAL ROD STRING LENGTH: ?

PUMP NUMBER: ?

PUMP SIZE: 2-1/2" x 1-1/2" x 16"

STROKE LENGTH: 74"

PUMP SPEED, SPM: 8 SPM

PUMPING UNIT SIZE: ?

PRIME MOVER: ?

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

# Inland Resources Inc.

Monument Butte Federal #7-25

1980 FNL 1950 FEL

NENE Section 25-T8S-R16E

Duchesne Co, Utah

API #43-013-31561; Lease #U-67170

### FRAC JOB 2/28/96 6096'-6110' Frac CP-2 sand as follows: 43,900# of 20/40 sd in 414 bbls of Boragel, avg rate 24.5, avg press 2100 psi. ISIP 2268 psi, 5-min 2139 psi, 10min 2100 psi. Flowback @ 1 bpm on 12/64" ck 3/1/96 5289'-5301' Frac C sand as follows: 65,200# 20/40 sd in 460 bbls of Boragel brokedown @ 1920, pre-frec ISIP: 1438 psi. Treated @ avg rate 22 bpm @ 1900 psi, ISIP-1989 psi, 5-min 1971 psi, 10min 1972. Flowback @ 1 bpm for 3 hours until dead 3/4/96 5133'-5147' Frac D-1 sand as follows: 72,500# 20/40 sd in 464 bbls of Boragel. Breakdown @ 2034, pre-frac ISIP @ 1105. Treated @ avg rate 20 bpm @ 1850 psi. ISIP 2277, 5-min 2187, 10-min 2154. Flowback @ 1 bpm on 12/64" ck. Frac GB-6 zone as follows: 3/6/96 4620'-4628' 56,200# of 20/40 sd in 388 bbls of Boragel. Breakdown @ 2356, prefrac ISIP @ 1957 psi treated @ avg rate 20 bpm, avg press 2150. ISIP 2303 psi, 5-min 2276, 10-min 2255. Flowback 1 bom on 12/64" ck.

### PERFORATION RECORD

Anchor @ 5891'

E 4620'-28'

**≡**5133'-47'

**=**5289'-5301'

€6096'-6110

EOT @ 5991' PBTD @ 6140'

TD @ 6200'

60967-61107	4 JSPF	52 holes
5289'-5301'	4 JSPF	44 holes
5133'-5147'	4 JSPF	52 holes
4620'-4628'	4 JSPF	32 holes
	5289'-5301' 5133'-5147'	5289'-5301' 4 JSPF 5133'-5147' 4 JSPF

## Monument Butte Federal #8-25

Spud Date: 2/29/96 Put on Production: 3/28/96 GL: 5429' KB: 5442'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55 WEIGHT:24# LENGTH: ? jts. (306') DEPTH LANDED: 305' HOLE SIZE: 12-1/4"

CEMENT DATA: 170 sxs Premium cmt, est 2 bbls cmt to surf

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 148 jts. (6327.57') DEPTH LANDED: 6326' HOLE SIZE: 7-7/8"

CEMENT DATA: 290 sk Hyfil! mixed & 380 sxs thixotropic

CEMENT TOP AT: Surface per CBL

### **TUBING**

SIZE/GRADE/WT.: 2-7/8" / WC-50 / 6.5#

NO. OF JOINTS: 175 jts (?')
TUBING ANCHOR: 5382'
SEATING NIPPLE: 2-7/8" (1.10')
MUD ANCHOR: 1 jt w/ NC

TOTAL STRING LENGTH: ? (EOT @ 5950')

SN LANDED AT: 5805'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-3/4" scrapered, 127-3/4" slick rods, 95-3/4" scrapered

TOTAL ROD STRING LENGTH: ?

PUMP NUMBER: ?

PUMP SIZE: 2-1/2" x 1-1/2" x 19' RHAC

STROKE LENGTH: ?

PUMP SPEED, SPM: ? SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

### FRAC JOB

3/20/96 5792'-5870' Frac LDC sand as follows: 89,700# of 20/40 sd in 550 bbls of Boragel. Breakdown @ 2251 psi. Prefrac ISIP@ 1399 psi treated @ avg rate 24.5 bpm, avg press 1300 psi. ISIP-1894 psi, 1-min 1820 psi, 3-min 1800, 4-min 1770, 5-min 1750 psi. Flowback after 5 min on

16/64" ck @ 1.5 bpm.

3/22/96 5623'-5712'

3/25/96

Frac A sand as follows: 103,200# of 20/40 sd w/ 611 bbls Boragel. Breakdown @ 3053' ck ISIP @ 1692 psi. Treated @ avg rate 24.2 bpm, avg press 2050 psi. ISIP 2124 psi, 5-min 1965. Flowback on 16/64" ck @

1.6bpm.

5414'-5451' Frac B-2 sand as follows:

71,800# of 20/40 sd in 470 bbls Boragel. Breakdown @ 1719 psi, treated @ avg rate 20.5 bpm, avg press 1700 psi. ISIP-2676 psi, 5-min 2282. Flowback after 5 min SI @ 1.8 bpm on 16/64" ck.

### PERFORATION RECORD

Anchor @ 5382'

E5414'-24' E5446'-51'

**€**5623'-28'

5686'-5712'

5792'-5820' 5826'-34' 5840'-44' 5856'-70'

> SN @ 5805' EOT @ 5950' PBTD @ 6285'

3/19/96	5792'-5820'	2 JSPF	52 holes
3/19/96	5826'-5834'	2 JSPF	16 holes
3/19/96	5840'-5844'	2 JSPF	8 holes
3/19/96	5856'-5870'	2 JSPF	26 holes
3/21/96	5623'-5628'	2 JSPF	10 holes
3/21/96	5686'-5712'	2 JSPF	50 holes
3/23/96	5414'-5424'	2 JSPF	40 holes
3/23/96	5446'-5451'	2 JSPF	20 holes



# Inland Resources Inc.

### **Monument Butte Federal #8-25**

1979 FNL 660 FEL

SENE Section 25-T8S-R16E

Duchesne Co, Utah

API #43-013-31601; Lease #U-67170

### Monument Butte Federal #10-25

Spud Date: 2/6/96 Put on Production: 3/9/96 GL: 5361' KB: 5373'

### Wellbore Diagram

Initial Production: 136 BOPD, 191 MCFD.

4 BWPD

### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: ? jts. (305.91') **DEPTH LANDED: 305** HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 5 bbls cmt to surf

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: 145 jts. (6197') DEPTH LANDED: 6198' HOLE SIZE: 7-7/8"

CEMENT DATA: 290 sk Hyfill mixed & 345 sxs thixotropic

CEMENT TOP AT: Surface per CBL

### TUBING

SIZE/GRADE/WT .: 2-7/8" / WC-50 / 6.5# NO. OF JOINTS: 204 jts (6141') TUBING ANCHOR: 4907 SEATING NIPPLE: 2-7/8" (1.10') MUD ANCHOR: 1 it w/ NC (28.10') TOTAL STRING LENGTH: ? (EOT @ 6027') SN LANDED AT: 5935'

POLISHED ROD: 1-1/4" x 22' SM

TOTAL ROD STRING LENGTH: ?

PUMP NUMBER: ?

PUMP SIZE: 2-1/2" x 1-1/2" x 12 x 16' RHAC

PUMP SPEED, SPM; 8 SPM

PUMPING UNIT SIZE: ?

PRIME MOVER: ?

LOGS:Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

SN @ 5935' EOT @ 6027' PBTD @ 6146' TD @ 6400'

Anchor @ 4907'

=4974'-79' =4988'-5000' =5046'-56'

=5289'-92' =5296'-530 =5304'-11'

5640'-58'

5972'-83'

5296'-5302'

# FRAC JOB

2/29/96 5972'-5983' Frac CP sand as follows: 63.300# of 20/40 sd in 529 bbls of Boragel, avg rate 24.8 bpm, avg press 2250 psi. ISIP 2309 psi, 5-min 2112, 10-

min 1981. Flowback @ I bpm on 12/64" ck.

3/2/96 5640'-5658' Frac LDC sand as follows: 77,000# 20/40 sd in 550 bbls of Boragel.

Brokedown @ 2938 psi, pre frac ISIP @ 2590 psi. Treat @ avg rate 21.6 bpm @ 3050 psi, avg ISIP 3892 psi, 5-min 3683, 10-min 3459. Flowback @ 1 bpm for

3 hrs & died.

3/4/96 5289'-5311'

PERFORATION RECORD

5972'-5983'

5640'-5658'

5289'-5292'

5296'-5302'

5304'-5311'

4974'-4979'

4988'-5000'

5046'-5056'

4 ISPF

4 JSPF

4 JSPF

4 JSPF

4 ISPF

4 JSPF

4 JSPF

40 holes

68 holes

24 holes

28 holes

20 holes

44 holes

40 holes

2/28/96

3/1/96

3/3/96

3/3/96

3/3/96

3/5/96

3/5/96

Frac B-2 sand as follows: 77,000# 20/40 sd in 557 bbls of Boragel. Break down @ 2671, pre frac ISIP @

1665. Treat @ avg rate 24.8 bpm, avg press 1800 psi. ISIP 2107, 5-min 2074, 10-min 2029. Flowback @ 1 bpm on 12/64" ck.

4974'-5056'

Frac D-1 and D-2 sand as follows: 99,500# 20/40 sd in 640 bbls of Boragel.

Breakdown @ 1733, pre frac ISIP @ 1160. Treated @ avg rate 35 bpm, avg press 1770 psi. ISIP 2428 psi, 5-min 2288, 10-min 2217. Flowback @ 1 bpm

on 12/64" ck.

### SUCKER RODS

SUCKER RODS: 4-3/4" scrapered, 131-3/4" slick rods, 97-3/4" scrapered

STROKE LENGTH: 74"

# Inland

## Inland Resources Inc.

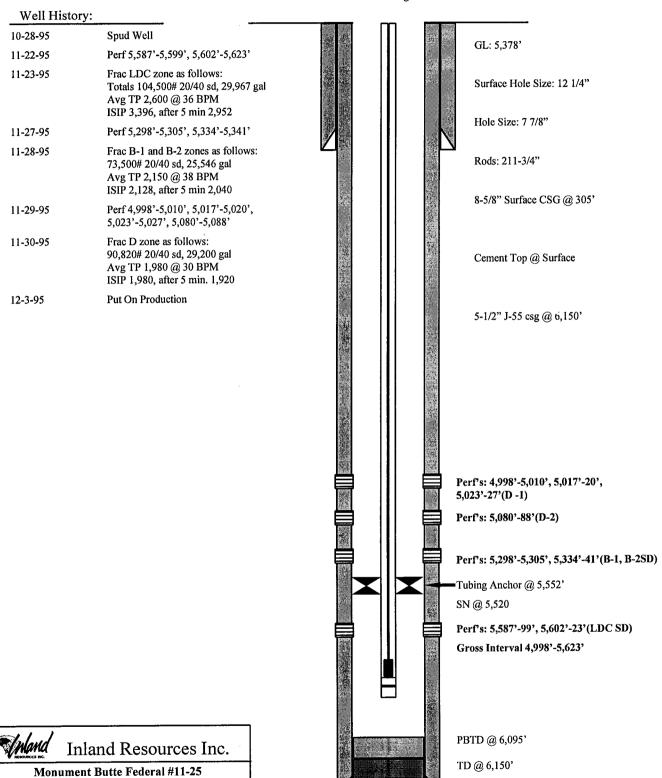
### Monument Butte Federal #10-25

1967 FSL 1942 FEL NWSE Section 25-T8S-R16E Duchesne Co. Utah

API #43-013-31562; Lease #U-67170

# Monument Butte Federal #11-25

Wellbore Diagram



2092 FWL 2074 FSL

NESW Section 25-T8S-R16E

Duchesne Co, Utah

API #43-013-31553; Lease #U-67170

# Monument Butte Federal #15-25

Injector Wellbore Diagram

		Wellbore Diagram	
Well History	<u> </u>	proces proces	
11-10-95	Spud Well	GL: 5,324'	
12-7-95	Perf: 6,017'-6,040'		
12-8-95	Frac CP-3 zone as follows: Totals 595 bbls Boragel, 76,600 # 20/40 sd Avg TP 2,100 @ 30 BPM ISIP 2,095, after 5 min 2,062	Surface Hole Size  Hole Size: 7 7/8"	): 12 1/4 <sup>2</sup>
12-11-95	Perf: 5,885'-5,897'		
	Frac CP-2 zone as follows: Totals 422 bbls Boragel 48,500# 20/40 sd Avg TP 2,400 @ 21 BPM ISIP 2,465, after 5 min 237	Rods: 222-3/4"  8-5/8" Surface CS	SG @ 33
12-12-95	Perf: 5,533'-5,544'		
12-13-95	Frac LDC zone as follows: Totals 402 bbls Boragel 42,000# 20/40 sd Avg TP 2,120 @ 21 BPM ISIP 2,370, after 5 min 2,224	Cement Top @ S	urface
12-14-95	Perf: 4,884'-4,894', 4,953'-4,959'		
12-16-95	Frac D zone as follows: Totals 559 bbls Boragel 68,400# 20/40 sd Avg TP 1,930 @ 33 BPM ISIP 2,186, after 5 min 2,120	5-1/2" 15.5 J-55 cs	ig @ 6,1∙
		Packer @ 4,850'	
		Perf's: 4,884'-94'(St	ray)
		Perf's: 4,953'-59'(D-	1)
		Perf's: 5,533'-44'(LI	OC)
		Perf's: 5,885'-97'(Cl	P-2)
		Perf's: 6,017'-40'(Cl	P- <b>3</b> )
		Gross Interval 4,884	'-6,040'
nland Inl	and Resources Inc.	PBTD @ 6,112'	
ESOURCES INC.	t Butte Federal #15-25	TD @ 6,150'	

583 FSL 1799 FEL
SESWSection 25-T8S-R16E
Duchesne Co, Utah
API #43-013-3; Lease #U-67170

# Monument Butte Federal #16-25

Spud Date: 4/22/96 Put on Production: --/--/--GL: 5302' KB: 5315'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: ? jts. (301') DEPTH LANDED: 300' HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5# LENGTH: ? jts. (6152.33') DEPTH LANDED: 6150.81' HOLE SIZE: 7-7/8"

CEMENT DATA: 275 sk Hyfill mixed & 335 sxs thixotropic

CEMENT TOP AT: Surface per CBL

### **TUBING**

SIZE/GRADE/WT.: NO. OF JOINTS: TUBING ANCHOR: SEATING NIPPLE: MUD ANCHOR: TOTAL STRING LENGTH:

SN LANDED AT:

### SUCKER RODS

POLISHED ROD:

SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP NUMBER:

PUMP SIZE:

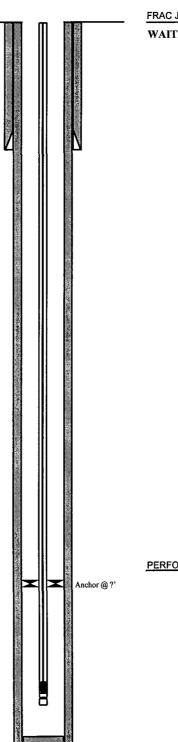
STROKE LENGTH:

PUMP SPEED, SPM:

PUMPING UNIT SIZE:

PRIME MOVER:

LOGS:Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR



TD @ 6150'

FRAC JOB

WAITING ON COMPLETION AS OF 7\17\96

PERFORATION RECORD

# Inland Resources Inc.

### Monument Butte Federal #16-25

572 FSL 601 FEL

SESE Section 25-T8S-R16E

Duchesne Co, Utah

API #43-013-31597; Lease #U-67170

# Monument Butte State #1A-36

Spud Date: 4/9/96 Put on Production: 5/30/96

GL: 5332' KB: 5345'

### Wellbore Diagram

Initial Production: 150 BOPD

### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24# LENGTH: 290'

DEPTH LANDED: 289.07'(GL)

HOLE SIZE: 12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 5 bbls to surf.

#### FRAC JOB

5/20/96 5860'-6001'

Frac CP-2 and CP-4 sands as follows: 62,400# of 20/40 sd in 419 bbls of Boragel. Breakdown @ 2950 treated @ avg rate of 30 bpm, avg press 1950 psi. ISIP-2153 psi, 5-min 1942 psi. Flowback after 5 min on 16/64" ck.

5/22/96 5469'-5473'

Frac A sand as follows:

61,500# of 20/40 sd in 409 bbls Boragel. Breakdown @ 3148# treated @ avg rate of 24.5, avg press 2300#. ISIP-2346 psi, 5-min 2249 psi. Flowback after 5 min on 16/64" ck @ 1.8 bpm.

5/24/96 4980'-5054'

Frac D sand as follows:

76,500# of 20/40 sd in 425 bbls of Boragel. Breakdown @ 1950# treated @ avg rate pf 25 bpm, avg press 1800#. ISIP-3516 psi, 5-min 2953 psi. Flowback on 16/64" ck @ 1.7 bpm.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 145 jts. (6182.72') **DEPTH LANDED: 6179.72.03** 

HOLE SIZE: 7-7/8"

CEMENT DATA: 290 sk Hyfill mixed & 360 sxs thixotropic

CEMENT TOP AT: Surface per CBL

### TUBING

SIZE/GRADE/WT .: 2-7/8" / M-50 / 6.5#

NO. OF JOINTS: 197 jts TUBING ANCHOR: 5808' SEATING NIPPLE: 2-7/8" (1.10')

TOTAL STRING LENGTH: ? (EOT @ 6024')

SN LANDED AT: 5841'

### SUCKER RODS

POLISHED ROD: 1-1/2" x 22' SM

SUCKER RODS: 4-3/4" scrapered, 128-3/4" plain rods, 97-3/4" scrapered

TOTAL ROD STRING LENGTH: ?

PUMP SIZE: 2-1/2" x 1-1/2" x 15' RHAC

STROKE LENGTH: 74" PUMP SPEED, SPM: 7 SPM

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

### PERFORATION RECORD

4980'-82' 4991'-96'

5000 -10 5050'-54' 5000'-10'

> 5469'-73' Anchor @ 5808' E 5860'-65' 5996'-6001'

> > SN @ 5841' EOT @ 6024' PBTD @ 6153'

TD @ 6200'

5/18/96	5860'-5865'	2 JSPF	10 holes
5/18/96	5996'-6001'	4 JSPF	20 holes
5/21/96	5469'-5473'	4 JSPF	16 holes
5/23/96	4980'-4982'	4 JSPF	8 holes
5/23/96	4991'-4996'	4 JSPF	20 holes
5/23/96	5000'-5010'	4 JSPF	40 holes
5/23/96	5050'-5054'	4 JSPF	16 holes



### Inland Resources Inc.

### Monument Butte State #1A-36

854 FNL 621 FEL

NENE Section 36-T8S-R16E

Duchesne Co, Utah

API #43-013-31599; Lease #ML-22061

## Tar Sands Federal #13-30

Spud Date: 6/29/96 Put on Production: --/--/--GL: 5282' KB: 5295'

Wellbore Diagram

### SURFACE CASING

CSG SIZE: 8-5/8" GRADE: J-55 WEIGHT:24#

LENGTH: 7 jts. (290.48') DEPTH LANDED: 289.38'(GL)

HOLE SIZE:12-1/4"

CEMENT DATA: 120 sxs Premium cmt, est 4 bbls cmt to surf.

### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: J-55 WEIGHT: 15.5#

LENGTH: 144 jts. (6146.77') DEPTH LANDED: 6140.77

HOLE SIZE: 7-7/8"

CEMENT DATA: 320 sk Hybond mixed & 340 sxs thixotropic

CEMENT TOP AT: Surface per CBL

### TUBING

SIZE/GRADE/WT.:

NO. OF JOINTS:

TUBING ANCHOR:

SEATING NIPPLE:

MUD ANCHOR:

TOTAL STRING LENGTH:

SN LANDED AT:

### SUCKER RODS

POLISHED ROD:

SUCKER RODS:

TOTAL ROD STRING LENGTH:

PUMP NUMBER:

PUMP SIZE:

STROKE LENGTH:

PUMP SPEED, SPM:

PUMPING UNIT SIZE:

PRIME MOVER:

LOGS: Dual Laterlog, GR, SP, Spectral Density-Dual Spaced Neutron, CBL-GR

# Inland Resources Inc.

Tar Sands Federal #13-30

602.6 FSL 698.9 FWL

SWSW Section 30-T8S-R17E

Duchesne Co, Utah

API #43-013-31637; Lease #U-74869

FRAC JOB WAITING ON COMPLETION AS OF 7\17\96

PERFORATION RECORD

Anchor @?

TD @ 6140'



P.O. Box 217 Roosevelt, Utah 84066 Office (801) 722-5066 Fax (801) 722-5727

#### **WATER ANALYSIS REPORT**

Company INLAND	Address			ate	07-22-96
Source MBF 9-25	Date Sampled _	07-19-96	Analysis N	0	
1. PH	Analysis 9.0	mg/l(ppm)		*Meg	g/l
2. H <sub>2</sub> S (Qualitative)	1.0				
3. Specific Gravity	1.069				
4. Dissolved Solids		70,803			
5. Alkalinity (CaCO <sub>3</sub> )	_				
6. Bicarbonate (HCO <sub>3</sub> )	HCO <sub>3</sub> _	1,400	÷ 61	23	HCO <sub>3</sub>
7. Chlorides (Cl)	CI _	41,000	÷ 35.5 _	1,155	CI
8. Sulfates (SO <sub>4</sub> )	SO <sub>4</sub> _	900	÷ 48	19	SO <sub>4</sub>
9. Calcium (Ca)	Ca _	4	÷ 20	0_	Ca
10. Magnesium (Mg)	MG _	0	÷ 12.2	0	Mg
11. Total Hardness (CaCO <sub>3</sub> )		10			
12. Total Iron (Fe)	_	1.9			
13. Manganese	_				
14. Barium (Qualitative)	_				
15. Phosphate Residuals	_		<del></del>		
*Milli equivalents per liter					
	PROBABLE MINERAL	COMPOSITION			
	Co	empound Equiv. Wt.	X Meq/l	=	Mg/l

HCO <sub>3</sub> 23	Ca(HCO <sub>3</sub> ) <sub>2</sub> CaSO <sub>4</sub> CaCl <sub>2</sub>	81.04 68.07		
<b>→</b>			<del></del>	
so, 19	CaCl <sub>2</sub>			
		55.50		
	Mg(HCO <sub>3</sub> ) <sub>2</sub>	73.17		
1,155	MgSO <sub>4</sub>	60.19		
Distilled Water 20°C	MgCl <sub>2</sub>	47.62		
13 Mg/l	NaHCO₃	84.00		1,932
2,090 Mg/l	Na₂SO₄	71.03	19	1,350
103 Mg/l	NaCl	58.46	1,155	67,521
	Distilled Water 20°C 13 Mg/l 2,090 Mg/l	Distilled Water 20°C MgCl <sub>2</sub> 13 Mg/l NaHCO <sub>3</sub> 2,090 Mg/l Na <sub>2</sub> SO <sub>4</sub>	Distilled Water 20°C MgCl <sub>2</sub> 47.62  13 Mg/l NaHCO <sub>3</sub> 84.00  2,090 Mg/l Na <sub>2</sub> SO <sub>4</sub> 71.03	Distilled Water 20°C MgCl <sub>2</sub> 47.62  13 Mg/l NaHCO <sub>3</sub> 84.00 23  2,090 Mg/l Na <sub>2</sub> SO <sub>4</sub> 71.03

#### AQUAMIX SCALING PREDICTIONS

COMPANY:

INLAND

07-25-96

LOCATION: SYSTEM:

WATER COMPATIBILITY CALCULATIONS JOHNSON WATER AND MBF 9-25 CONDITIONS: TEMP.=100AND pH=8.8 WATER ONE IS JOHNSON WATER

DEG-F	STIFF DAVIS	lbs/1000 BBL EXCESS CaCO3	mg/l BaSO4 IN EXCESS OF SATURATION	mg/l SrO4 IN EXCESS OF SATURATION	mg/l Gypsum IN EXCESS OF SATURATION
100	1.10	15	0	0	0
90	.80	12	0	0	0
80	.55	9	0	0	0
70	.40	7	0	0	0
60	.29	5	0	0	0
50	.18	3	0	0	0
<b>4</b> 0	.08	1	0	0	0
30	03	0	0	0	0
20	15	0	0	0	0
10	34	0	0	0	0
Ω	66	0	0	0	0

## DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM

#### PERMIT STATEMENT OF BASIS

Applicant: Inland Production company Unit: Mon. Butte NE

Location: Secs. 22,25 & 26, T.8S., R.16 E.

**Ownership Issues:** The Monument Butte North East Unit was approved by the Board of Oil, Gas and Mining on March 5, 1996 (Cause No. 213-3). The Monument Butte North East Unit was approved for increased ultimate recovery of oil. Selected intervals in the Green River Formation will be perforated for water injection. The surface within the unit area and within a one-half mile around the unit is owned by the Federal Government (BLM) and the State School Trust(SITLA). Inland Production holds all of the leases in the unit area. There are numerous interest owners in the unit and on surrounding leases.

Well Integrity: Existing and proposed injection wells generally have surface casing set at approximately 300 feet and are cemented to surface. Production casing is generally set between 6000 feet and 6300 feet. Cement tops on production casing on existing wells varies and range from 3000 feet below surface to surface. It is the practice of the operator to use sufficient quantities of cement on newly drilled wells to bring cement to surface. A review of bond logs on existing wells shows concurrence with reported cement tops. On newly drilled wells cement tops are sometimes difficult to determine because the operator has been using a highlift light cement as a lead cement. This cement has low compressive strength and does not show up as good bond on a CBL. Cement tops at 3000 feet and above are adequate to insure mechanical integrity considering the injection zones are generally at 4000 feet and below. A 2 7/8 inch or 2 3/8 inch tubing shall be utilized. A retrievable packer will be placed approximately 50 feet above the uppermost perforation. A casing test will be performed at the time of conversion and a casing\tubing pressure test will be conducted prior to commencing injection. Subsequent pressure tests will be conducted at least every five years or any time a packer is pulled or there has been a loss of mechanical integrity.

**Ground Water Protection:** The base of moderately saline water is at a depth of approximately 1300 feet to 2000 feet in the Monument Butte North East Unit area. These water zones are found in sands in the Uinta Formation and upper sands of the Green River Formation and are generally discontinuous and not subject to direct recharge. Aquifers with high quality water are rarely encountered and are of limited

Monument Butte NE page 2

extent. A review of the records indicates that there are no water wells in the area of the project. Confining intervals above and below the proposed injection zone consists of tight lacustrine shales and limestones. An analysis was submitted for the water present in the injection zone. The total dissolved solids content was over 11,000 mg/l. The injection zone is not classified as an underground source of drinking water (USDW). The water to be injected comes from the Johnson Water Company and has a TDS of approximately 2500 mg/l. Injection of this water into the proposed injection zone will not degradate any aguifers.

Producing wells in the area of review generally have adequate casing and cement to protect and isolate water of differing quality. At the time an application is received for a proposed injection well, a review of all wells in a one-half mile radius will be conducted to determine if corrective action is needed.

Oil/Gas & Other Mineral Resources Protection: All correlative rights and mineral interests issues were addressed at the time the waterflood unit came before the board.

Bonding: Wells within the unit are on federal surface and are bonded with the BLM.

Actions Taken and Further Approvals Needed: A notice of agency action was sent to both the Salt Lake Tribune and the Uinta Basin Standard for the Monument Butte Federal North East Unit 15-24, 1-25, 3-25, 7-25, 9-25 and 15-26 wells. Applications for all of the above wells have been received. BLM approval of the wells will be required under applicable onshore orders. A final permit will be issued on wells after all conditions of approval and stipulations are met as outlined on the approval to convert letter. An individual statement of basis addendum will be prepared for each well subsequently approved for conversion.

Note:	Applicable technical publications concerning water resources in the government of the permit review provided and taken into consideration during the permit review provided the permit		of this project	have beer
Revie	wer(s):_D. Jarvis	Date: _	10/24/96	

## DIVISION OF OIL, GAS AND MINING UNDERGROUND INJECTION CONTROL PROGRAM

#### PERMIT STATEMENT OF BASIS

Applicant:	Inland Production Company	Well: MBFNE 9-25

**Location:** <u>25/8S/16E</u> **API:** <u>43-013-31600</u>

A complete Statement of Basis was prepared for the Monument Butte North East Unit project. All of the below issues were addressed in detail. This statement addresses only well specific issues.

**Ownership Issues:** The proposed well is located on BLM land. All lands in the one-half mile radius of the well are BLM and School Trust Lands. Inland holds all the leases in the unit. Inland has submitted an affidavit stating that all owners and interest owners have been notified of there intent.

**Well Integrity:** The proposed well has surface casing set at 289 feet and is cemented to surface. A 5 ½ inch production casing is set at 6090 feet and has a cement top at the surface. A cement bond log verifies adequate bond well above the injection zone. A 2 7/8 inch tubing with a packer will be set approximately 50 feet above the injection zone. A mechanical integrity test will be run on the well prior to injection. There are 7 producing wells and 1 injection wells in the area of review. All of the wells have adequate casing and cement. No corrective action will be required.

**Ground Water Protection:** The base of moderately saline water is at a depth of approximately 1300 feet to 2000 feet. Injection shall be limited to the interval between 4300 feet and 6000 feet in the Green River Formation. Information submitted by Inland indicates that the fracture gradient for the 9-25 well is .89 psig/ft. The resulting fracture pressure at the proposed uppermost perforation at 5018 feet is 2250 psig. The requested maximum pressure was 2000 psi. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: Previous reviews indicate that all other interests have been protected.

Bonding: Bonded with the BLM

MBF 9-25 Page 2

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. After the 15 day notice period is up and if no objections are received, it is recommended that administrative approval be granted.

	able technical publications concerning water resources in the ved and taken into consideration during the permit review	-		of this	project	have	beer
Reviewer(s	s): D.Jarvis D	ate:	10/24/	96			

Michael O. Leavitt Governor Ted Stewart Executive Director James W. Carter Division Director 355 West North Temple 3 Triad Center, Suite 350 Salt Lake City, Utah 84180-1203 801-538-5340 801-359-3940 (Fax) 801-538-5319 (TDD)

October 25, 1996

Inland Production Company P. O. Box 1446 Roosevelt, Utah 84079

Re:

Application for Injection Wells

Sections 24, 25 and 26, Township 8 South, Range 16 East, Duchesne County, Utah

#### Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the following listed wells to Class II injection wells:

Monument Butte Federal 1-25

Monument Butte Federal 9-25

Monument Butte Federal 15-24

Monument Butte Federal 15-26

Accordingly, the following stipulations shall apply for full compliance with this approval:

- 1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
- 2. Conformance with all conditions and requirements of the complete application submitted by Inland Production Company.
- 3. A step-rate test shall be performed and the results submitted to the Division to establish a maximum rate and pressure.

If you have any questions regarding this approval or the necessary requirements, please contact Dan Jarvis at this office.

Sincerely

Associate Director

cc: Bureau of Land Management, Vernal Chuck Williams, Environmental Protection Agency



143 SOUTH MAIN ST. P.O.BOX 45838 SALT LAKE CITY, UTAH 84145 FED.TAX I.D.# 87-0217663

10/03/96

## Ne spaper Agency Corportion the Stalt Lake Tribune (NA) DESERT NEWS

CUSTOMER'S

Salt Lake City, UT 84106 My Commission Expires

March 31, 2000 STATE CF UTAH

#### PROOF OF PUBLICATION

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL, GAS & MINING	D5385340L-07	10/03/96
1594 W NORTH TEMPLE		
STE # 1210		
SALT LAKE CITY UT 84114		

	SALT LAKE CITY UT 841	114		
	ACCOU	NT NAME		
	DIV OF OIL, O	GAS & MINING INVOICE N	NUMBER	
	801-538-5340	TL9U8		
	SCHEI START 10/03/96			
ACTION ACTION		REF. NO.		
NOTICE OF AGENCY ACTION CAUSE NO. UIC-179 BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES, STATE OF UTAH	UIC-17	79 PTION		
IN THE MATTER OF THE APPLICA- TION OF INLAND PRODUCTION COMPANY FOR ADMINISTRATIVE	\$1	ICY ACTIONCAUSE N IZE		·
APPROVAL OF THE MONUMENT BUTTE FEDERAL 4-25 16-25 45-24 AND 15-26 WELLS LOCATED IN SECTIONS 24, 25, AND 26, TOWN- SHIP 8 SOUTH, RANGE 16 EAST, S.L.M., DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WIELLS	75 LINES	1.00 COLUMN		
THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE	1	1.64	<u>u</u>	
Notice is hereby given that the Division of Oil, eds and Mining (the "Division") is commenced in an informative and of the application of inland Production company, for administrative approval sof the second in Sections 24, 25 and 26 forwards of the second in Sections 24, 25 and 26 forwards of the second in Sections 24, 25 and 26 forwards of the second in Sections 24, 25 and 26 forwards of the second in Sections 24, 25 and 26 forwards of the second in Sections 24, 25 and 26 forwards of the second in Sections 24, 25 and 26 forwards of the second in Section 19 and	MISC. CHARGES	AD CHAR		
proceeding to consider me appollogions of inland Production Company, for administrative approval for the Monumen Butte Federal 4.25,95-25,45-24	.00	123.0 TOTAL		
tions 24, 25 and 26 Township. South, Range 16 East, S.L.M. Du chesne County Ultan Jorgon yerson to Eclass III Implection wells. The proceeding will be		123.0		
Conducted in accordance will Utah Admin. R.649-10, Administrative Procedures The Interval from 4300 feet to	AFFIDAV	IT OF PUBLICAT:	_	· THE ATTACHED
6000 feet (Green River Formation) will be selectively performed a for water injection. A maximum injection pressure and rate will be idetermined by	SPAPER AGENCY CORPORATION ISEMENT OF NOTICE OF SEMENT OF OIL, GAS & MINING ATION, AGENT FOR THE SAL	AGENCY ACTIONCA	AUSE N LISHED BY THE NEW	FOR AGENCY
means of a step-fate test of the father than t	ATION, AGENT FOR THE SAL	E WITH GENERAL CI	RCULATION IN UTAH	AILY NEWSPAPERS
Any person desting to object the application or otherwise mere in the approach of the application or otherwise mere in the approach of the application with the Driston within fifteen days following publication of his notice such a protest or notice of intervention is received in the application of	T LAKE CITY, SALT LAKE CO		10/03/96	<u> </u>
vention is received for hearing will; be scheduled before all board of Oll, Gas and Mining protestants and/or, intervendent	TIPE Drive	honey		NOTARY PUBLIC JOANNE MOONEY

S IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT.



February 17, 1997

State of Utah
Division of Oil, Gas & Mining
P.O. Box 145801
1594 West North Temple Suite 1210
Salt Lake City, Utah 84114-5801

DECEIVE
FEB 2 0 1997
DIV. OF OIL, GAS & MINING

ATTENTION: Dan Jarvis

A3-013-31600

RE: Monument Butte Federal #9-25

Monument Butte Federal #15-24

Dear Dan,

Enclosed are the Sundry Notices and Reports on Wells, and the Casing Integrity Test results, for the above reverenced locations. Copies will also be submitted to the Bureau of Land Management.

If additional information is needed, please do not hesitate to call me in the Vernal Branch office, (801) 789-1866.

Sincerely,

Cheryl Cameron

Regulatory Compliance Specialist

**Enclosures** 

## UNITED ATES DEPARTMENT OF HE INTERIOR BUREAU OF LAND MANAGEMENT

FORM	APPROVE

Expires March 31, 1993

Budged	Bureau	No.	1004-0135	

SUNDRY NOTICES AND REPOR	RTS ON WELLS	U-67170
Do not use this form for proposals to drill or d Use "APPLICATION FOR PERMI	leepen or reentry to a different reservoir.	6. If Indian, Allottee or Tribe Name
SUBMIT IN TI	RIPLICATE	7. If unit or CA, Agreement Designation  Monument Butte Green River  "D" Unit
X Oil Well Gas well Other		8. Well Name and No.
2. Name of Operator		Monument Butte Federal 9-25
Inland Production Company		9. API Well No.
3. Address and Telephone No.	Di N. (004) 700 4000	43-013-31600
P.O. Box 790233 Vernal, UT 84079  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	Phone No. (801) 789-1866	10. Field and Pool, or Exploratory Area  Monument Butte
NE/SE		11. County or Parish, State
Sec. 25, T8S, R16E		Duchesne, UT
OUTON ADDRODDIATE DOVIS TO IND	ICATE MATURE OF MOTICE PEROPT OF OT	LIED DATA
TYPE OF SUBMISSION	ICATE NATURE OF NOTICE, REPORT, OR OTI TYPE OF ACTIO	
Notice of Intent	Abandonment	Change of Plans
	Recompletion	New Construction
X Subsequent Report	Plugging Back	Non-Routine Fracturing
- Casadasii Napait	Casing repair	Water Shut-off
Final Abandonment Notice	Altering Casing	X Conversion to Injection
	Other	Dispose Water
		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Completed Operations (Clearly state all pertinent d		
drilled, give subsurface locations and measured and true vertical of	Jepths for all markers and zones pertinent to this work)	
The Monument Butte Federal 9-25 was	s placed on injection 2/7/97.	
	,	
The Casing Integrity Test has been con	ducted. See attached results.	
14. I hereby certify that the foregoing is true and correct Signed Cheryl Cameron	Title Regulatory Compliance Specialist	Date <b>2/17/97</b>
(This space of Federal or State office use.)		
	·	
Approved by	Title	Date
Conditions of approval, if any:		

\*See Instruction on Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly to make to any department of the United States any false, fictitious or fraudulent statements or representations as

DIV. OF OIL, GAS & MINING

WO tax credit 7/98

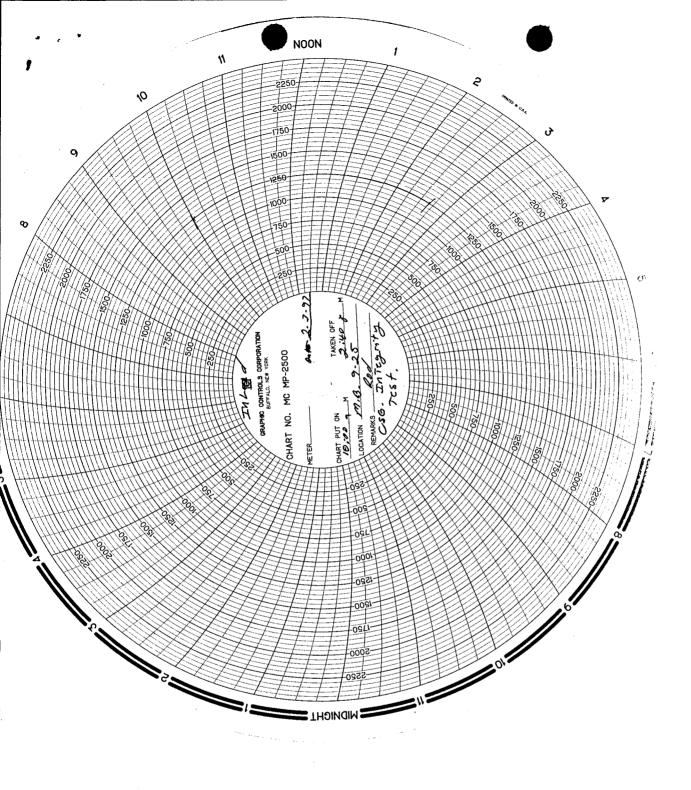
to any matter within its jurisdiction.

#### CASING INTEGRITY TEST 2/3/97 Monument Butte Federal #9-25 NE/SE Sec, 25, T8S, R16E Duchesne County, Utah API # 43-013-31600

0 MIN	1250 PSIG
10 MIN	1250 PSIG
20 MIN	1250 PSIG
30 MIN	1250 PSIG
40 MIN	1250 PSIG
50 MIN	1250 PSIG
60 MIN	1250 PSIG
70 MIN	1250 PSIG
80 MIN	1250 PSIG
90 MIN	1250 PSIG
100 MIN	1250 PSIG
120 MIN	1250 PSIG

TUBING PRESSURE 0 PSI

TEST CONDUCTED BY RODDIE BIRD/INLAND PRODUCTION COMPANY



## UTAH

## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES

DIVIS	ION OF OIL, GAS, AND MINING		5. LEASE DESIGNATION AND SERIAL U-67170	NO.
1. SUNDRY N	OTICES AND REPORTS O	6. IF INDIAN, ALLOTTEE OR TRIBAL I	NAME	
,	proposals to drill or to deepen or plug back to a diffe	rent reservoir.	N/A	
OIL GAS WELL OTHER	<u>x</u>		7. UNIT AGREEMENT NAME  NA	
2. NAME OF OPERATOR INLAND PROD	UCTION COMPANY		8. FARM OR LEASE NAME MON BUTTE FED 9	0-25-8-16
3. ADDRESS OF OPERATOR Rt. 3 Box 3630, N 435-646-3721	Myton Utah 84052		9. WELL NO. MON BUTTE FED 9	)-25-8-16
See also space 17 below.) At surface	ocation clearly and in accordance with any State requests, T08S R16E	irements.*	10 FIELD AND POOL, OR WILDCAT  MONUMENT BUTT	TE .
1913 FSL 624			11 SEC., T., R., M., OR BLK, AND SURVEY OR AREA NE/SE Section 25, T(	08S R16E
14 API NUMBER 43-013-31600	15. ELEVATIONS (Show whether DF, RT, GF 5327 GR	R, etc.)	12 COUNTY OR PARISH DUCHESNE	13 STATE UT
16. Check A	Appropriate Box To Indicate Nature of Noti ENTION TO:	1	QUENT REPORT OF:	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF	REPAIRING WELL	
FRACTURE TREAT	MULTIPLE COMPLETÉ	FRACTURE TREATMENT	ALTERING CASING	
SHOOT OR ACIDIZE	ABANDON*	SHOOTING OR ACIDIZING	ABANDONMENT*	
REPAIR WELL		(OTHER)	X 5 Year MIT	
(OTHER)			ults of multiple completion on Well ecompletion Report and Log form.)	
proposed work. If well is direction A 5 year MIT was of	MPLETED OPERATIONS. (Clearly state all pertino ionally drilled, give subsurface locations and measure conducted on the subject well. ent to conduct a MIT on the ca	ed and true vertical depths for all mar $ m On~1/15/02~Mr.~Den$	kers and zones pertinent to this work.)* nis Ingram w/ State DO	
		Accepted by	were able to witness the	e test
		Oil, Gas and N FOR RECORD	(III 111 · 13	JAN 2 1 2002
		FOH HECOIL	, 0,1	DIVISION OF OIL, GAS AND MININ
SIGNED Krisha Russell	TITLE	Production Clerk	DATE	1/23/02
cc: BLM (This space for Federal or State office t	ise)			
APPROVED BYCONDITIONS OF APPROVAL. IF AN	TITLE		DATE	



#### Inland Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: 5	Date / /17/02 Time 18:30 am pm
Test Conducted by: Jody Mcclann	
Others Present:	
Well: MBF 9-25-8-14	Field: Mount with the
Well Location: NE/SE Sec. 25 785,86. Duchesne county Wah	E API No: # 43-613-31600

<u>Time</u>	<b>Casing Pressure</b>	
0 min	1000	psig
5,	1000	psig
10	1000	_psig
15	1000	psig
20	1000	_ psig
25	1000	psig
30 min	1000	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
		-
Tubing pressure:	1200	psig
Result:	Pass	Fail

Signature of Witness:	
Signature of Person Conducting Tes	t Joely Wefular

Internal 5-yr m. J.T. MBF. 9-35-8-14 11:30 Am 1-17 ...02



### **United States Department of the Interior**



# BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-924)

September 16, 2004

#### Memorandum

To:

Vernal Field Office

From:

Acting Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the name change recognized by the Utah State Office. We have updated our records to reflect the merger from Inland Production Company into Newfield Production Company on September 2, 2004.

Milas Llouters

Michael Coulthard Acting Chief, Branch of Fluid Minerals

#### Enclosure

1. State of Texas Certificate of Registration

cc:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225 State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson Joe Incardine Connie Seare

1 16

UTSL-	15855	61052	73088	76561
071572A	16535	62848	73089	76787
065914	16539	63073B	73520A	76808
	16544	63073D	74108	76813
	17036	63073E	74805	76954
	17424	63073O	74806	76956
	18048	64917	74807	77233
UTU-	18399	64379	74808	77234
	19267	64380	74389	77235
02458	26026A	64381	74390	77337
03563	30096	64805	74391	77338
03563A	30103	64806	74392	77339
04493	31260	64917	74393	77357
05843	33992	65207	74398	77359
07978	34173	65210	74399	77365
09803	34346	65635	74400	77369
017439B	36442	65967	74404	77370
017985	36846	65969	74405	77546
017991	38411	65970	74406	77553·
017992	38428	66184	74411	77554
018073	38429	66185	74805	78022
019222	38431	66191	74806	79013·
020252	39713	67168	74826	79014
020252A	39714	67170	74827	79015
020254	40026	67208	74835	79016
020255	40652	67549	74868	79017
020309D	40894	67586	74869	79831
022684A	41377	67845	74870	79832 <sup>-</sup>
027345	44210	68105	74872	79833 <sup>,</sup>
034217A	44426	68548	74970	79831
035521	44430	68618	75036	79834
035521A	45431	69060	75037	80450
038797	47171	69061	75038	80915
058149	49092	69744	75039	81000
063597A	49430	70821	75075	
075174	49950	72103	75078	
096547	50376	72104	75089	
096550	50385	72105	75090	
	50376	72106	75234	
	50750	72107	75238	•
10760	51081	72108	76239	
11385	52013	73086	76240	
13905	52018	73087	76241	
15392	58546	73807	76560	
			- ·	

63073X 63098A 68528A 72086A 72613A 73520X 74477X 75023X 76189X 76331X 76788X 77098X 77107X 77236X 77376X 78560X 79485X 79641X 80207X 81307X



Geoffrey S. Connor Secretary of State

### Office of the Secretary of State

The undersigned, as Secretary of State of Texas, does hereby certify that the attached is a true and correct copy of each document on file in this office as described below:

Newfield Production Company Filing Number: 41530400

Articles of Amendment

September 02, 2004

In testimony whereof, I have hereunto signed my name officially and caused to be impressed hereon the Seal of State at my office in Austin, Texas on September 10, 2004.





Secretary of State

# ARTICLES OF AMENDMENT TO THE ARTICLES OF INCORPORATION OF INLAND PRODUCTION COMPANY

In the Office of the Secretary of State of Texas

SEP 02 2004

Corporations Section

Pursuant to the provisions of Article 4.04 of the Texas Business Corporation Act (the "TBCA"), the undersigned corporation adopts the following articles of amendment to the articles of incorporation:

#### ARTICLE 1 - Name

The name of the corporation is Inland Production Company.

#### ARTICLE 2 - Amended Name

The following amendment to the Articles of Incorporation was approved by the Board of Directors and adopted by the shareholders of the corporation on August 27, 2004.

The amendment alters or changes Article One of the Articles of Incorporation to change the name of the corporation so that, as amended, Article One shall read in its entirety as follows:

"ARTICLE ONE - The name of the corporation is Newfield Production Company."

ARTICLE 3 - Effective Date of Filing

This document will become effective \_ upon filing.

The holder of all of the shares outstanding and entitled to vote on said amendment has signed a consent in writing pursuant to Article 9.10 of the TBCA, adopting said amendment, and any written notice required has been given.

IN WITNESS WHEREOF, the undersigned corporation has executed these Articles of Amendment as of the 1<sup>st</sup> day of September, 2004.

INLAND RESOURCES INC.

By: Susan G. Riggs, Treasurer





## STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

UIC FORM 5

See Attach	d Number	UTHORITY TO INJE	API Number
ocation of We			Field or Unit Name
Footage :		County:	See Attached List
QQ, Section	n, Township, Range:	State: UTAH	Lease Designation and Number
EEEC The	0/4/2004		
	DATE OF TRANSFER: 9/1/2004		
URRENT OF	PERATOR		
Company:	Inland Production Company	Name: Briar	n Harris
Address:	1401 17th Street Suite 1000	7-7	ma tam
	city Denver state Co Zip 80202	7	neering Tech.
Phone:	(303) 893-0102		2004
EW OPERAT	OR		
EW OPERAT	OR  Newfield Production Company	N Brian	Harrie A
Company:		~ <del>~ / /</del>	Harris 1
Company: _	Newfield Production Company  1401 17th Street Suite 1000	Signature:	ma from
Company: _	Newfield Production Company 1401 17th Street Suite 1000	Signature: Engin	eering Tech.
Company:Address:	Newfield Production Company  1401 17th Street Suite 1000	Signature:	eering Tech.
Company: Address:  Phone: Comments:	Newfield Production Company  1401 17th Street Suite 1000  city Denver state Co zip 80202  te use only)	Signature: Engin	eering Tech.
Company: Address: Phone: Comments:	Newfield Production Company  1401 17th Street Suite 1000  city Denver state Co zip 80202	Signature: Francisco Signature	eering Tebh.

(5/2000)

RECEIVED SEP 2 0 2004

#### Division of Oil, Gas and Mining

#### **OPERATOR CHANGE WORKSHEET**

ROUTING

1. GLH

2. CDW 3. FILE

Change of Operator (Well Sold)

Designation of Agent/Operator

#### X Operator Name Change

Merger

The operator of the well(s) listed below has	s changed	, effect	ive:			9/1/2004			1
FROM: (Old Operator): N5160-Inland Production Company				TO: ( New Op N2695-Newfie		on Compan	у		
Route 3 Box 3630 Myton, UT 84052					Box 3630 UT 84052				
Phone: 1-(435) 646-3721				Phone: 1-(435)	646-3721				
CA I	No.			Unit:	1	MONUME	NT BUTT	E NE	]
WELL(S)									
NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	
MON BUTTE FED NE 15-24	24	080S	160E	4301331628	11912	Federal	WI	Α	
MON BUTTE FED NE 13-24	24	080S	160E	4301331653	11984	Federal	WI	A	
MBFNE 11-24-8-16	24	080S	160E	4301331990	12293	Federal	WI	A	
MON BUTTE FED 13-25	25	080S	160E	4301331513	11786	Federal	WI	A	Π
MON BUTTE FED 11-25	25	080S	160E	4301331553	11841	Federal	WI	A	Π
MON BUTTE FED 15-25	25	080S	160E	4301331559	11847	Federal	WI	A	Π
MON BUTTE FED 7-25	25	080S	160E	4301331561	11873	Federal	WI	A	Π
MON BUTTE FED 9-25	25	080S	160E	4301331600	11897	Federal	WI	A	
MON BUTTE FED 3-25	25	080S	160E	4301331605	11922	Federal	WI	A	
MON BUTTE FED 1-25(I)	25	080S	160E	4301331608	11884	Federal	WI	A	
MON BUTTE FED 15-26	26	080S	160E	4301331502	11900	Federal	WI	A	L
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#### **OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

(R649-8-10) Sundry or legal documentation was received from the FORMER operator on:
 (R649-8-10) Sundry or legal documentation was received from the NEW operator on:
 9/15/2004

3. The new company was checked on the **Department of Commerce**, **Division of Corporations Database on:** 2/23/2005

4. Is the new operator registered in the State of Utah:

YES Business Number: 755627-0143

5. If **NO**, the operator was contacted contacted on:

6a. (R649-9-2)Waste Management Plan has been received on:	IN PLACE		
6b. Inspections of LA PA state/fee well sites complete on:	waived		
Federal and Indian Lease Wells: The BLM and or	the BIA has appro	ved the merger.	name change.
or operator change for all wells listed on Federal or Indian lea		BLM	BIA
Federal and Indian Units: The BLM or BIA has approved the successor of unit operat	or for wells listed on:	n/a	
The DEW of DIA has approved the successor of difft operation	or for wells listed off.	IV a	<del>_</del>
. Federal and Indian Communization Agreement	•		
The BLM or BIA has approved the operator for all wells lis	ted within a CA on:	na/	<del>_</del>
0. Underground Injection Control ("UIC") The	Division has approve	ed UIC Form 5, Tra	insfer of Authority to
Inject, for the enhanced/secondary recovery unit/project for the	he water disposal wel	l(s) listed on:	2/23/2005
	•		
DATA ENTRY:			
. Changes entered in the Oil and Gas Database on:	2/28/2005		
. Changes have been entered on the Monthly Operator Chang	ro Sprood Shoot on	2/28/200	5
Changes have been entered on the Monthly Operator Chang	ge Spread Sheet on:	2/28/200	3
Bond information entered in RBDMS on:	2/28/2005		
Fee/State wells attached to bond in RBDMS on:	2/28/2005		
The Property of the Party of th	0/00/0007		
Injection Projects to new operator in RBDMS on:	2/28/2005		
. Receipt of Acceptance of Drilling Procedures for APD/New of	n:	waived	
FEDERAL WELL(S) BOND VERIFICATION:		<del></del>	
Federal well(s) covered by Bond Number:	UT 0056		
		*	
NDIAN WELL(S) BOND VERIFICATION:	£10000112012		
Indian well(s) covered by Bond Number:	61BSBDH2912		
EE & STATE WELL(S) BOND VERIFICATION	•		
(R649-3-1) The NEW operator of any fee well(s) listed cover	ed by Bond Number	61BSBDH2	919 —
The FORMER operator has requested a release of liability from	m their hand on.	n/a*	
The Division sent response by letter on:	n/a	ii/a·	
EASE INTEREST OWNER NOTIFICATION:			
(R649-2-10) The <b>FORMER</b> operator of the fee wells has been of their responsibility to notify all interest owners of this change		ned by a letter from to n/a	the Division
OMMENTS:	anuta Nov-E-14 P.	lustion Comme	2/22/05
Bond rider changed operator name from Inland Production Comp	any to newnerd Prod	ucuon Company - r	eceived 2/23/05

## ENTITY ACTION FORM DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

**OPERATOR ACCT NO: N2695** 

ACTIN CODE	CRRNT ENTITY	NEW ENTITY	API NUMBER	WELL	QQ	SEC	TWN	RNG	REASON	EFFECTIVE
D	14648	15150	4301332359	FEDERAL 9-24-8-16	NENSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	99998	15150	4301331633	MONUMENT BUTTE FED NE 11-24	NESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	12293	15150	4301331990	MBFNE 11-24-8-16	NESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	14611	15150	4301332366	FEDERAL 10-24-8-16	NWSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	12244	15150	4301331923	MBFNE 12-24	NWSW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11907	15150	4301331629	MONUMENT BUTTE FED NE 16-24	SESE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11930	15150	4301331630	MONUMENT BUTTE FED 14-24	SESW	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11912	15150	4301331628	MON BUTTE FED NE 15-24	SWSE	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11984	15150	4301331653	MON BUTTE FED NE 13-24	swsw	24	8S	16E	Monument Butte North East EOR	1/1/2006
D	11884	15150	4301331608	MON BUTTE FED 1-25(I)	NENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11881	15150	4301331601	MONUMENT BUTTE FED 8-25	SENE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11887	15150	4301331604	MONUMENT BUTTE FED 2-25	NWNE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11873	15150	4301331561	MON BUTTE FED 7-25	SWNE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11882	15150	4301331596	MONUMENT BUTTE FED 6-25	SENW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11922	15150	4301331605	MON BUTTE FED 3-25	NENW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11897	15150	4301331600	MON BUTTE FED 9-25	NESE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11874	15150	4301331562	MONUMENT BUTTE FED 10-25	NWSE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11899	15150	4301331597	MONUMENT BUTTE FED 16-25	SESE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11847	15150	4301331559	MON BUTTE FED 15-25	SWSE	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11840	15150	4301331554	MONUMENT BUTTE FED 12-25	NWSW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11841	15150	4301331553	MON BUTTE FED 11-25	NESW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11805	15150	4301331531	MONUMENT BUTTE FED 14-25	SESW	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11786	15150	4301331513	MON BUTTE FED 13-25	swsw	25	8S	16E	Monument Butte North East EOR	1/1/2006
D	11900	15150	4301331502	MON BUTTE FED 15-26	SWSE	26	8S	16E	Monument Butte North East EOR	1/1/2006
D	11814	15150	4301331517	MONUMENT BUTTE FED 16-26	SESE	26	8S	16E	Monument Butte North East EOR	1/1/2006

new entity assigned 13,106 ER, DOGM

JAN 2 5 2006

KIM KETTLE PRODUCTION CLERK 1/25/2006

#### STATE OF LITAH

	DEPARTMENT OF NATIONAL	DESCUIDATE .	
	DEPARTMENT OF NATURAL F DIVISION OF OIL, GAS AN		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-67170
SUNDR	Y NOTICES AND REPO	ORTS ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
Do not use this form for proposals to o wells, or to drill horizon	drill new wells, significantly deepen existing wells but a laterals. Use APPLICATION FOR PERMIT TO	oelow current bottom-hole depth, reenter plugged O DRILL form for such proposals.	7. UNIT OF CA AGREEMENT NAME: MON BUTTE NE
1. TYPE OF WELL: OIL WELL	GAS WELL OTHER	W1	8. WELL NAME and NUMBER: MONUMENT BUTTE FED 9-25
2. NAME OF OPERATOR:			9. API NUMBER:
NEWFIELD PRODUCTION CO	MPANY		4301331600
3. ADDRESS OF OPERATOR:		PHONE NUMBER	10. FIELD AND POOL, OR WILDCAT:
Route 3 Box 3630 C	TITY Myton STATE UT	ZIP 84052 435.646.3721	MONUMENT BUTTE
FOOTAGES AT SURFACE: 1913 FSL	624 FEL		COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE	E. MERIDIAN: NESE, 25, T8S, R16E		STATE: UT
11. CHECK APPRO	PRIATE BOXES TO INDICAT	E NATURE OF NOTICE, REPO	ORT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	DEEPEN	REPERFORATE CURRENT FORMATION
NOTICE OF INTENT (Submit in Duplicate)	ALTER CASING	FRACTURE TREAT	SIDETRACK TO REPAIR WELL
Approximate date work will	CASING REPAIR	NEW CONSTRUCTION	TEMPORARITLY ABANDON
	CHANGE TO PREVIOUS PLANS	OPERATOR CHANGE	TUBING REPAIR
	CHANGE TUBING	PLUG AND ABANDON	☐ VENT OR FLAIR
SUBSEQUENT REPORT	CHANGE WELL NAME	PLUG BACK	WATER DISPOSAL
(Submit Original Form Only)	CHANGE WELL STATUS	PRODUCTION (START/STOP)	WATER SHUT-OFF
Date of Work Completion:	COMMINGLE PRODUCING FORMATIONS	RECLAMATION OF WELL SITE	X OTHER: - Five Year MIT
12/26/2006	CONVERT WELL TYPE	RECOMPLETE - DIFFERENT FORMATION	
On 12/18/06 Dennis Ingral Permission was given at the for 30 minutes with no pre-	OMPLETED OPERATIONS. Clearly show a m with the State of Utah (DOGM) wa hat time to perform the test on 12/26/ ssure loss. The well was injecting duative available to witness the test.	as contacted concerning the 5 Year I /06. On 12/26/06 the casing was pre	MIT on the above listed well. essured up to 1550 psig and charted
	Accepted by the Utah Division of Oil, Gas and Mining Date: 01-02-07		RECEIVED  DEC 2 9 2006  DIV. OF OIL, GAS & MINING

TITLE Production Clerk

DATE\_\_\_12/28/2006

(This space for State use only)

NAME (PLEASE PRINT) Callie Ross

# Mechanical Integrity Test Casing or Annulus Pressure Test

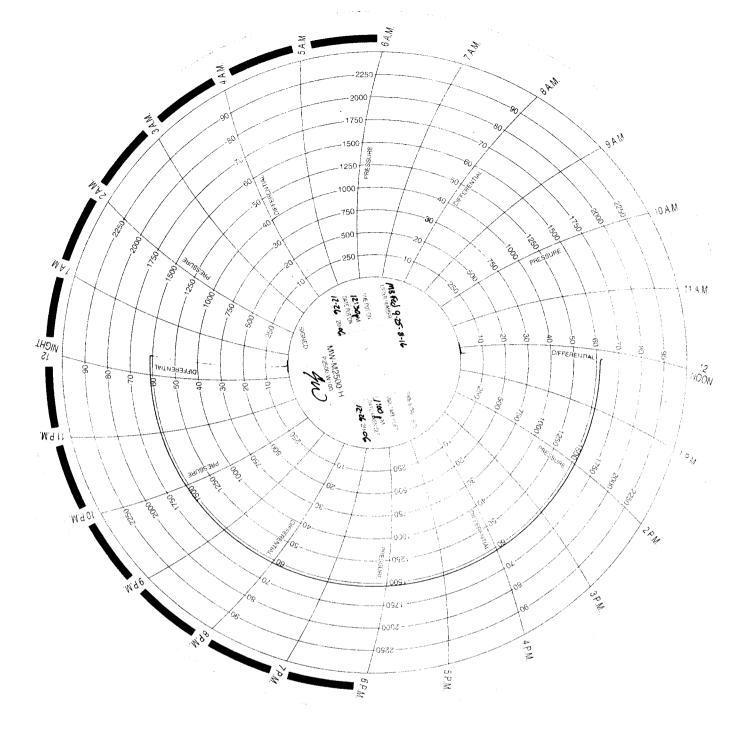
## **Inland Production Company**

Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness:  Test Conducted by:   Others Present:	Date 12/26/06 Time 12/30 am 6
Well: MB-9-25-8-16	Field: Monument Botte
Well Location: NE/SE Sec 25 TXS RIGE Duchesne county of	API No: 43-013-31600

<u>Time</u>	<u>Casing Pressure</u>	
0 min	1550	psig
5	1550	psig
10	1550	- psig
15	1550	psig
20	1550	psig
25	1550	psig
30 min	1550	psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
Tubing pressure:	1900	psig
Result:	Pass F	ail

Signature of Witness:	
Signature of Person Conducting Test:	Comment of



	STATE OF UTAH DEPARTMENT OF NATURAL RESOUF		FORM 9
	DIVISION OF OIL, GAS, AND M	IINING	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-67170
SUNDE	RY NOTICES AND REPORT	S ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	sals to drill new wells, significantly deep igged wells, or to drill horizontal laterals		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: MON BUTTE FED 9-25
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COM	PANY		9. API NUMBER: 43013316000000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84		HONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1913 FSL 0624 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSHI Qtr/Qtr: NESE Section: 25	(P, RANGE, MERIDIAN: Township: 08.0S Range: 16.0E Meridian	n: S	STATE: UTAH
11. CHE	CK APPROPRIATE BOXES TO INDIC	ATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
_	☐ ACIDIZE	☐ ALTER CASING	CASING REPAIR
✓ NOTICE OF INTENT Approximate date work will start: 11/21/2011	☐ CHANGE TO PREVIOUS PLANS	✓ CHANGE TUBING	✓ CHANGE WELL NAME
11/21/2011	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Date of Spud:	☐ REPERFORATE CURRENT FORMATION ☐ TUBING REPAIR	<ul> <li>✓ SIDETRACK TO REPAIR WELL</li> <li>✓ VENT OR FLARE</li> </ul>	☐ TEMPORARY ABANDON ☐ WATER DISPOSAL
	☐ WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
DRILLING REPORT Report Date:	☐ WILDCAT WELL DETERMINATION	OTHER	
			OTHER:
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  Newfield would like to modify the following injection well in order to more efficiently flood the productive sands in the offset producers. A concentric injection design is being proposed. This design will result in 2 unique injection profiles within this one well. Following the workover an updated schematic will be submitted with the workover report showing the split between Zone 1 and Zone 2. The split will be very similiar to that of the 2-25-8-16D which was completed in October. Newfield would also like to change the name of this well to Monument Butte Federal 9-25-8-16D.  By:			
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUMBE</b> 435 646-4874	TITLE Water Services Technician	
SIGNATURE N/A		<b>DATE</b> 11/21/2011	
1			

STATE OF UTAH	FORM 9		
DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING  5.LEASE DESIGNATION AND SERI UTU-67170	IAL NUMBER:		
SUNDRY NOTICES AND REPORTS ON WELLS  6. IF INDIAN, ALLOTTEE OR TRIB	E NAME:		
Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION GMBU (GRRV)	i:		
1. TYPE OF WELL Water Injection Well  8. WELL NAME and NUMBER: MON BUTTE FED 9-25-8-16D	D		
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY 9. API NUMBER: 43013316000000			
3. ADDRESS OF OPERATOR: PHONE NUMBER: 9. FIELD and POOL or WILDCAT:			
Rt 3 Box 3630 , Myton, UT, 84052       435 646-4825 Ext       MONUMENT BUTTE         4. LOCATION OF WELL       COUNTY:			
FOOTAGES AT SURFACE:  1913 FSL 0624 FEL  DUCHESNE			
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NESE Section: 25 Township: 08.0S Range: 16.0E Meridian: S  UTAH			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION TYPE OF ACTION			
☐ ACIDIZE ☐ ALTER CASING ☐ CASING REPAIR			
NOTICE OF INTENT Approximate date work will start:  CHANGE TO PREVIOUS PLANS  CHANGE TUBING  CHANGE TUBING  CHANGE WELL NAME			
CHANGE WELL STATUS COMMINGLE PRODUCING FORMATIONS CONVERT WELL TYPE			
SUBSEQUENT REPORT Date of Work Completion: Date of Work Completion: DEEPEN DEEP			
11/18/2011 OPERATOR CHANGE PLUG AND ABANDON PLUG BACK			
SPUD REPORT PRODUCTION START OR RESUME RECLAMATION OF WELL SITE RECOMPLETE DIFFERENT FORM.	ATION		
Date of Spud:  REPERFORATE CURRENT FORMATION  SIDETRACK TO REPAIR WELL  TEMPORARY ABANDON			
TUBING REPAIR VENT OR FLARE WATER DISPOSAL			
DRILLING REPORT   SI TA STATUS EXTENSION   APD EXTENSION   APD EXTENSION			
WILDCAT WELL DETERMINATION   ✓ OTHER   OTHER: 5 YR MIT	□		
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 11/15/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 11/18/2011 the casing was pressured up to 1080 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1900 psig during the test. There was a State representative available to witness the test - Dennis Ingram.			
NAME (PLEASE PRINT)  Lucy Chavez-Naupoto  PHONE NUMBER  TITLE  Water Services Technician			
SIGNATURE         DATE           N/A         11/28/2011			

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: DENNIS INGRAM	Date // /16 / // Time 960 (	ampm
Witness: DENNIS FNGRAM  Test Conducted by: Scott Simb	NEWEIELD	
Others Present: CODY MARX	1,000	
Well: 9-25-8-16 BUTE FEDERAL	Field: MONUMENT BUTE	
Well Location:	API No: 43-013-31600	
NE/SE SEC. ZS, TBS, RIB	BE 43-013-31600	
110/20 200,		لـــا
Time	Casing Pressure	
0 min	10%O psig	
5	10 80 psig	
10	1050 psig	
15		
20	psig	
25	psig	
30 min		
35	psig	
40	psig	
45	psig	
50	psig	
55 CO main	psig	
60 min	paig	
Tubing pressure:		
Result:	Pass Fail	
Signature of Witness:	wh have	
Signature of Person Condu	ucting Test:	

Sundry Number: 20688 API Well Number: 43013316000000 =MIDNIGHT 1500 -1000 @ PM CHART NO. MP-2500-24HR METER \_ DISC NO. CHART PUT NO TIME 9001 M TAKEN OFF S DATE 11-18-11 TIME 930 PM
LOCATION MON FOR LOCATION MOD. FED 9-25-8-16 10001-10 NOON 11

	STATE OF UTAH		FORM 9	
ι	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MININ		5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-67170	
SUNDR	Y NOTICES AND REPORTS O	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:	
	posals to drill new wells, significantly de reenter plugged wells, or to drill horizonta n for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)	
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: MON BUTTE FED 9-25-8-16D	
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	)MPANY		9. API NUMBER: 43013316000000	
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT,		HONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE	
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1913 FSL 0624 FEL			COUNTY: DUCHESNE	
QTR/QTR, SECTION, TOWNSH	<b>IIP, RANGE, MERIDIAN:</b> 5 Township: 08.0S Range: 16.0E Meridiar	n: S	STATE: UTAH	
11. CHECK	K APPROPRIATE BOXES TO INDICATE	NATURE OF NOTICE, REPOR	RT, OR OTHER DATA	
TYPE OF SUBMISSION		TYPE OF ACTION		
	ACIDIZE	ALTER CASING	CASING REPAIR	
NOTICE OF INTENT	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME	
Approximate date work will start:				
✓ SUBSEQUENT REPORT	L CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE	
Date of Work Completion:	L DEEPEN	FRACTURE TREAT	LI NEW CONSTRUCTION	
11/10/2011	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK	
SPUD REPORT	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION	
Date of Spud:	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON	
	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL	
DRILLING REPORT Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION	
·	WILDCAT WELL DETERMINATION	ОТИЕР	OTHER: 5 YR MIT	
		OTHER	·	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.  On 11/15/2011 Dennis Ingram with the State of Utah DOGM was contacted concerning the 5 Year MIT on the above listed well. On 11/18/2011 the casing was pressured up to 1080 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 1900 psig during the test. There was a State representative available to witness the test - Dennis Ingram.  NAME (PLEASE PRINT)  PHONE NUMBER TITLE				
Lucy Chavez-Naupoto	435 646-4874	Water Services Technician		
SIGNATURE N/A		<b>DATE</b> 11/28/2011		

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: DENNIS  Test Conducted by: 2  Others Present: Col	FNGRAM Scott Sime / by MARX	Date   116   11	Time 9cc am)pr
Well: 9-25-8-16 Bothe Feberal	,	Field: Mon	MENT BUTE
Well Location: NE/SE SEL, ZS	, T85, RIGE	API No: 43	-013-31600
	<u>Time</u>	Casing Pressure	
	0 min	1080	psig
	5	1080	psig
	10	1080	psig
	15	1080	psig
	20	1080	psig

1060

1060

Tubing pressure: 1900 psig

Result:

25

35 40

45

50

55

60 min

30 min

Pass

Fail

psig

psig

psig

psig

psig

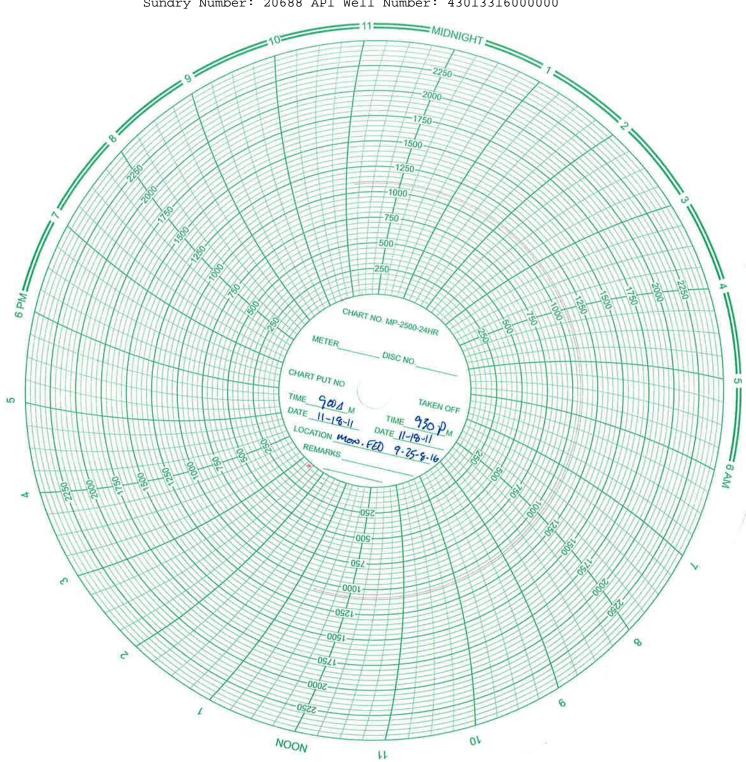
psig

psig

psig

Signature of Witness:

Signature of Person Conducting Test:



#### Monument Butte Federal #9-25-8-16

Spud Date: 4/28/96 Put on Injection: 2/7/97 GL: 5327' KB: 5340'

Injection Diagram

Initial Production: 95 BOPD. 33 MCFPD, 1 BWPD

#### SURFACE CASING

CSG SIZE: 8-5/8" GRADE LSS WEIGHT:24# LENGTH: 291.67" DEPTH LANDED: 290 HOLE SIZE:12-14

CEMENT DATA: 120 sas Promium ont, est 5 bbls to sarf.

#### PRODUCTION CASING

CSG SIZE: 5-1/2" GRADE: 1-55 WEIGHT: 15.5# LENGTH, 144 jts. (6124 47") DEPTH LANDED, 60901 HOLE SIZE: 7-7.8" CEMENT DATA: 280 sks Hyfill mixed & 360 sks thixonopia CEMENT TOP AT: Surface per CBL

#### TUBING

SIZE/GRADE/WT.: 2-7/8" / M-50 - 6.5# NO. OF JOINTS: 159 jts SN LANDED AT: ~49701 PACKER 4973.77 TOTAL STRING LENGTH: EOL/g. 4975.77\*

#### FRAC JOB 5/14/96 5290\*-5300\*

Frac B-1 sand as follows: 60,100 20:40 sd in 412 bbls Borage: firmtn. Brokedown (a. 2876#, avg TP 2250 (a. 1835 bpm. ISIP-2312 psi, 5-min 2176 psi. Flow well back on 15.64" ck @ L5 bpm.

5/16/96 4992"-5072" Frac D-1 & D-2 sands as follows: 78,500# of 20/40 set in 477 bbls Boragel. Breakdown & 2005# treated w/avg cate of 18.7 bpm & 1800 psi. ISIP-2234 psi.

5-min S1 2124 psi. Start flowback on 16:64" ck (å. 1.8 bpm.

1/17/02

5-year MIT. Held 1000# for 40 min. 12/26/06 5 Year MIT completed and submitted.

#### PERFORATION RECORD

5-13/96	5290"-5300"	4 JSPF	40 holes
5:15/96	4992"-4999"	4 JSPF	28 holes
3 15/95	5047"-5061"	4 JSPF	52 hotes
5 15 96	50651-50721	4 JSPF	28 hates



Monument Butte Federal #9-25-8-16 1913 FSL & 624 FEL NESE Section 25T8S-R16E Duchesne Co, Utah API #43-013-31600; Lease #U-67170

Packer & 4973-77 49921-49991

5047~50611

50651-50721

5290"-5300"

Sundry Number: 75400 API Well Number: 43013316000000

	STATE OF UTAH		FORM 9
	DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	3	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-67170
SUNDR	Y NOTICES AND REPORTS ON	WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	posals to drill new wells, significantly dee eenter plugged wells, or to drill horizontal for such proposals.		7.UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Water Injection Well			8. WELL NAME and NUMBER: MON BUTTE FED 9-25-8-16D
2. NAME OF OPERATOR: NEWFIELD PRODUCTION CO	OMPANY		9. API NUMBER: 43013316000000
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT		ONE NUMBER:	9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1913 FSL 0624 FEL			COUNTY: DUCHESNE
QTR/QTR, SECTION, TOWNSH Qtr/Qtr: NESE Section: 2	IIP, RANGE, MERIDIAN: 5 Township: 08.0S Range: 16.0E Meridian:	S	STATE: UTAH
11. CHEC	CAPPROPRIATE BOXES TO INDICATE N	IATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	ALTER CASING CHANGE TUBING	CASING REPAIR CHANGE WELL NAME
SUBSEQUENT REPORT Date of Work Completion:	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE  NEW CONSTRUCTION
10/13/2016	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
SPUD REPORT Date of Spud:	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
Dute of opid.	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	TEMPORARY ABANDON
DRILLING REPORT	TUBING REPAIR	VENT OR FLARE	WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	OTHER	OTHER: 5 YR MIT
On 10/10/2016 a contacted concert 10/13/2016 the cas 30 minutes with no test. The tubing process State representations	COMPLETED OPERATIONS. Clearly show all poor Amy Doebele with the State of the control of the state of the control of the state of the control	Utah DOGM was ove listed well. On psig and charted for t injecting during the e test. There was a st - Mark Reinbold.	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 21, 2016
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	TITLE Water Services Technician	
SIGNATURE		DATE 10/17/2016	

Sundry Number: 75400 API Well Number: 43013316000000

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company Rt. 3 Box 3630 Myton, UT 84052 435-646-3721

Witness: MARK RETNBOW Date Test Conducted by: PETE MONTAGUE Others Present: JEREMY PRICE	10 81/31/6 Time 7:57 8:13	am pm
Well: MONUMENT BUTTE FEDERAL	Fields AA	
MONIMENT DUTTE FEDERAL	Field: Monument Butte	
Well Location: 9-25-8-16 A	PI No: 43-013-31600	

<u>Time</u>	Casing Pressure	
0 min	1/20	psig
5	1120	psig
10	1120	psig
15	1120	psig
20		psig
25		psig
30 min		psig
35		psig
40		psig
45		psig
50		psig
55		psig
60 min		psig
	1	F - 5
Tubing pressure:	1941 / 1942	psig
RATE 194	32	
Result:	/_ \	ail
1	A PO	٨

Signature of Witness:

Signature of Person Conducting Test:

